

FIG. 1

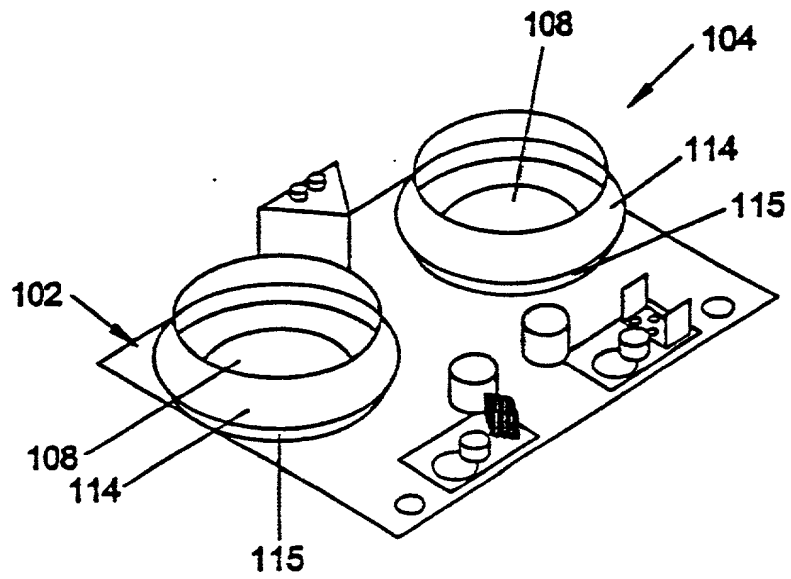


FIG. 2

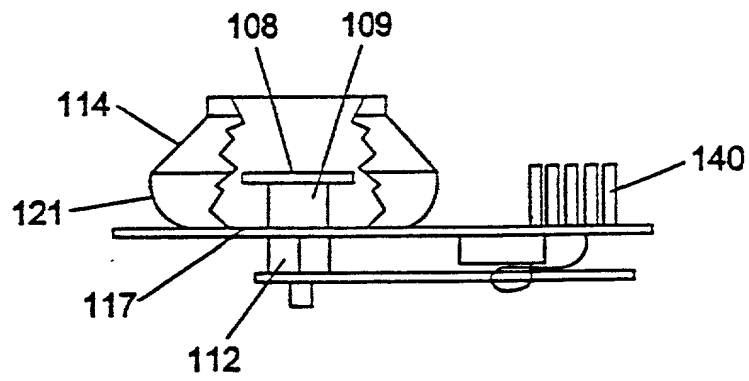


FIG. 3

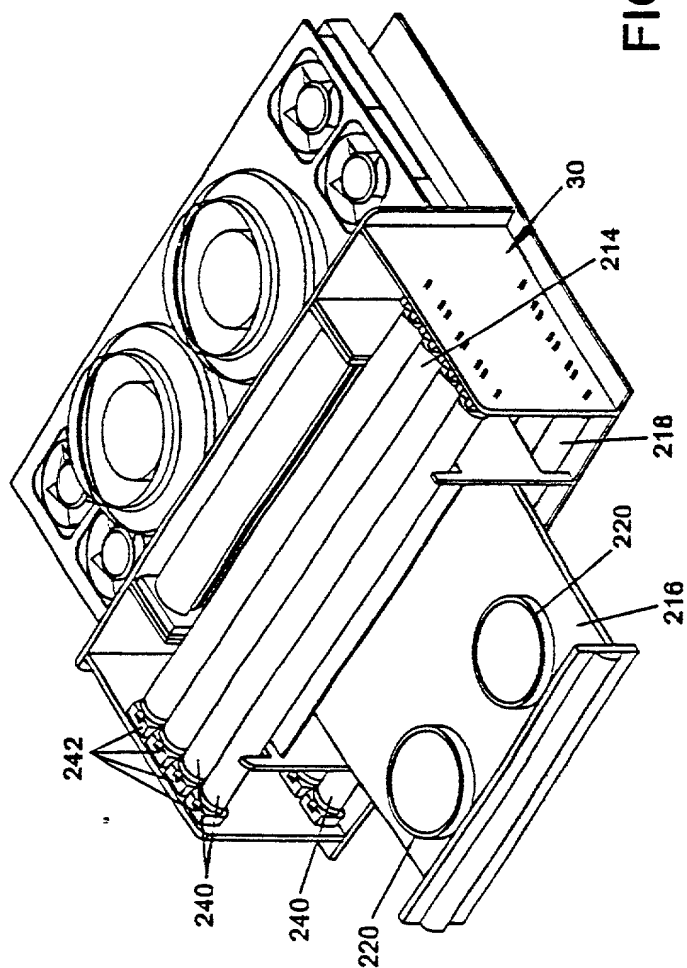


FIG. 4

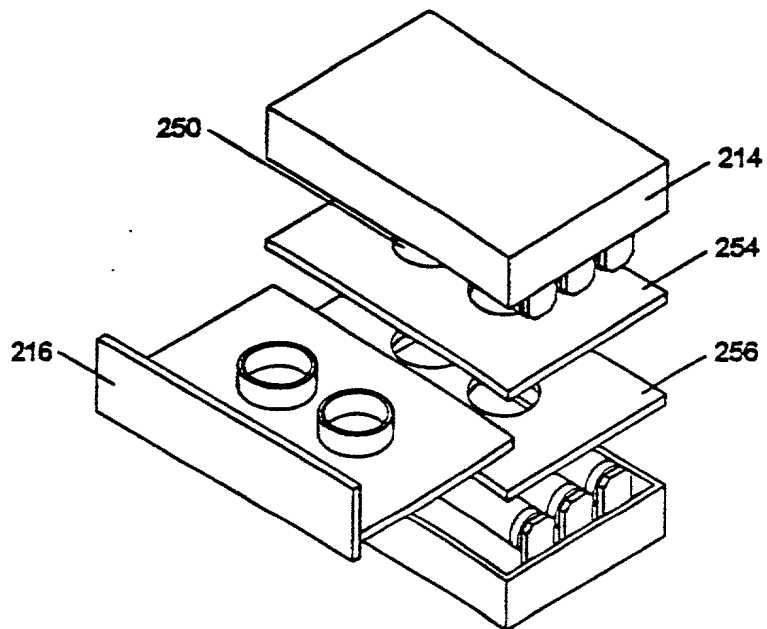


FIG. 5

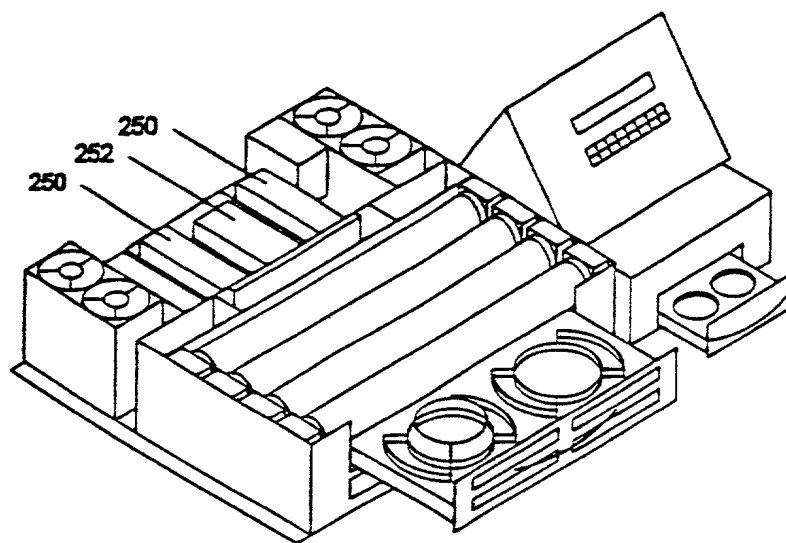


FIG. 6

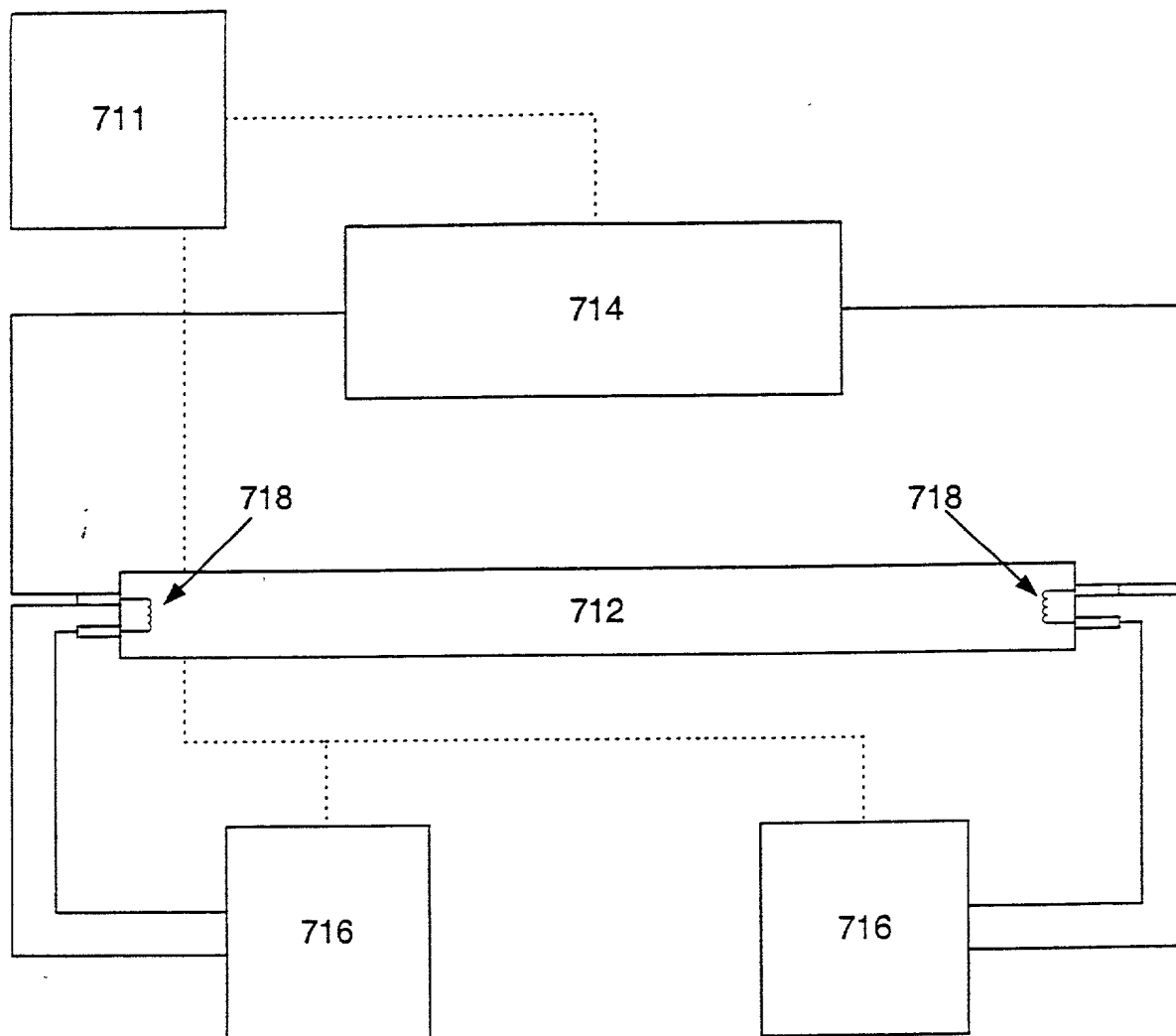


FIG. 7

FIG. 8

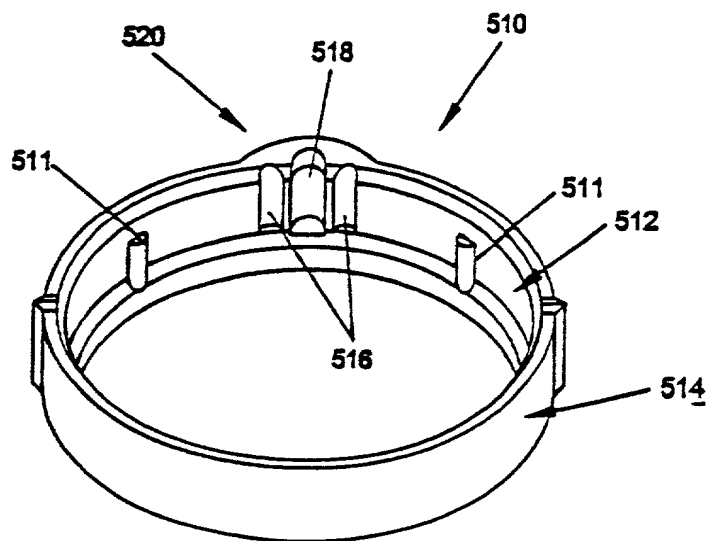


FIG. 9

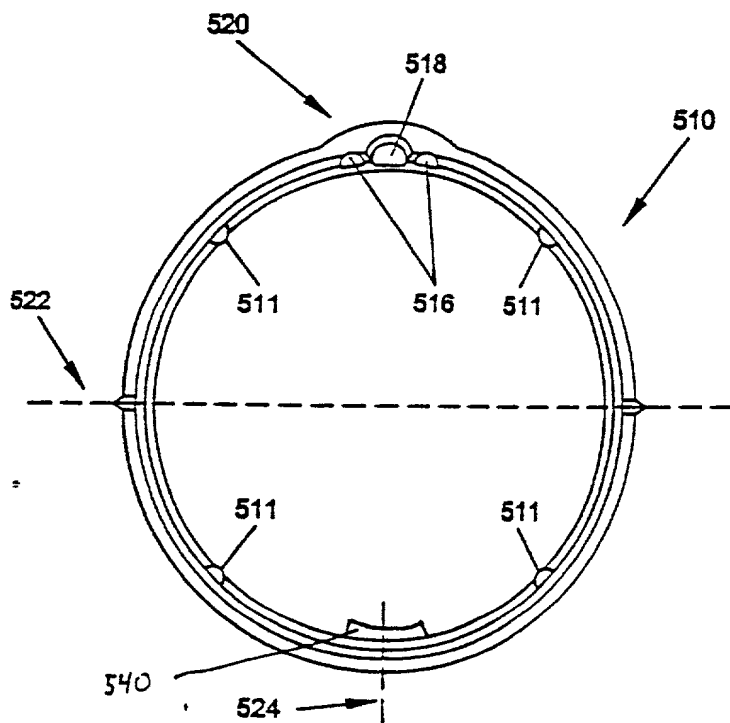


FIG. 10



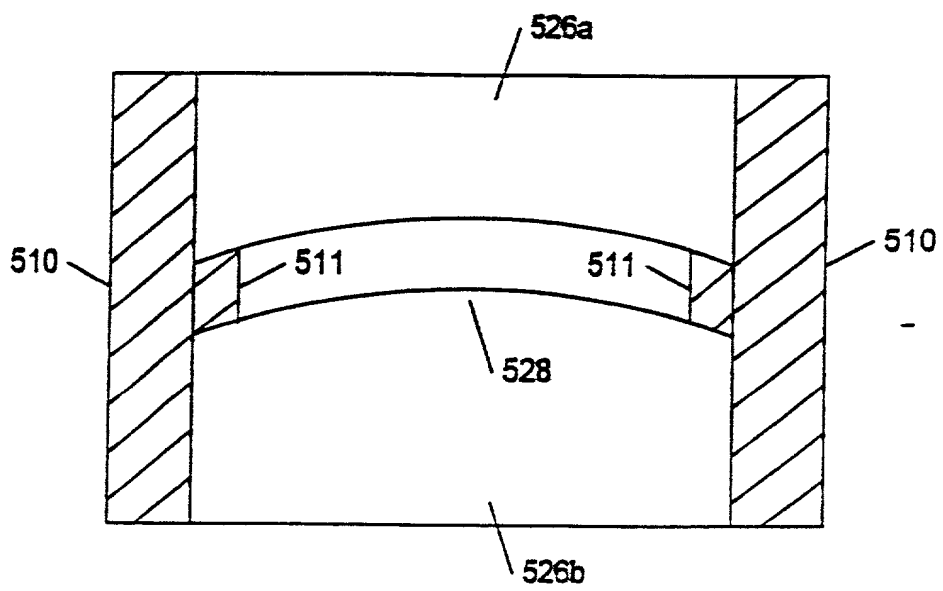


FIG. 11

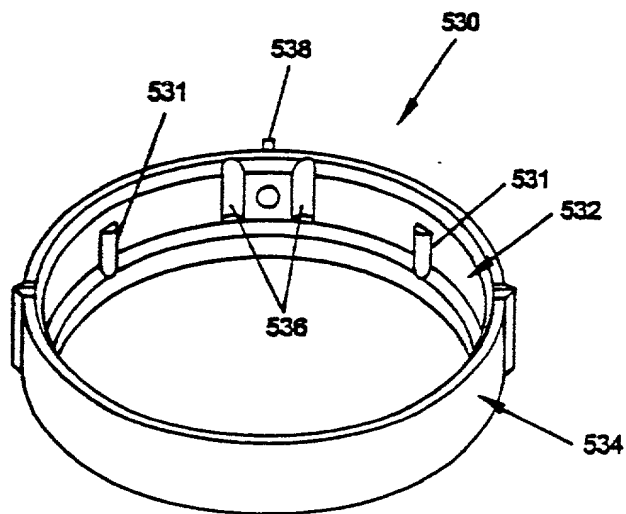


FIG. 12

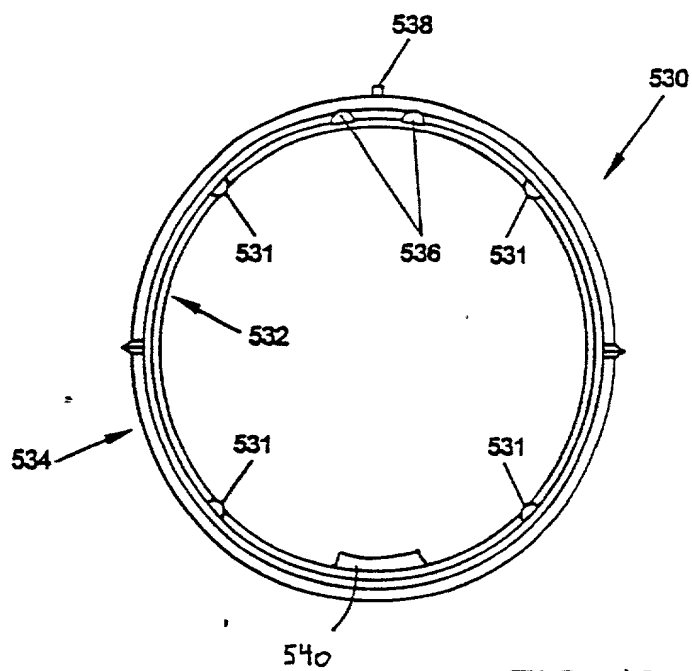


FIG. 13

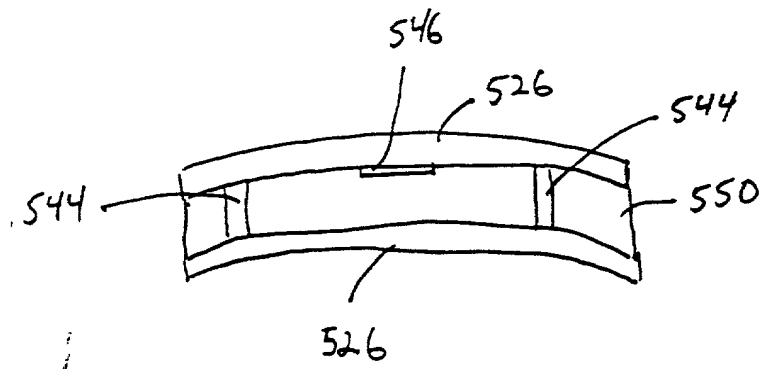


FIG. 14

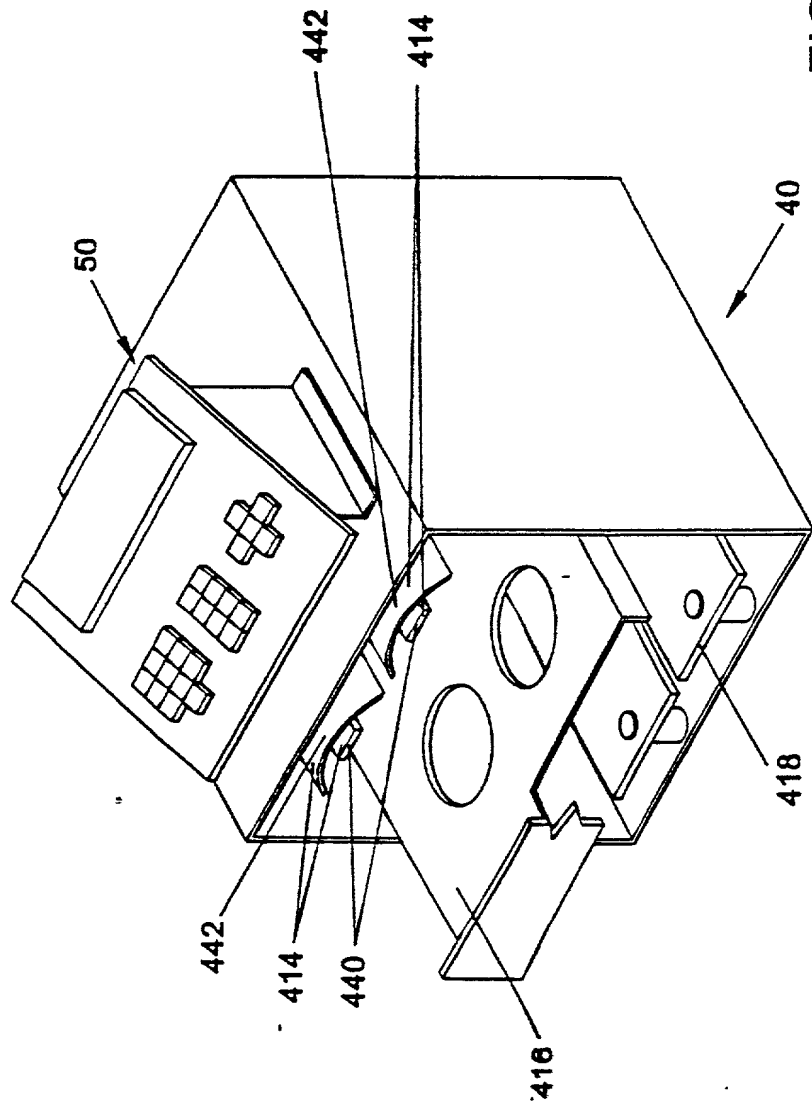


FIG. 15

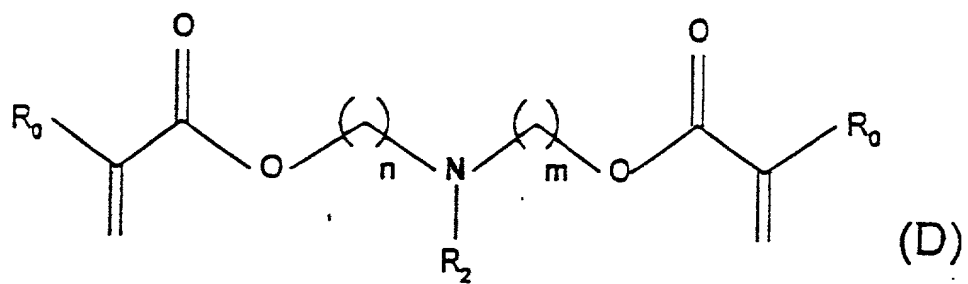
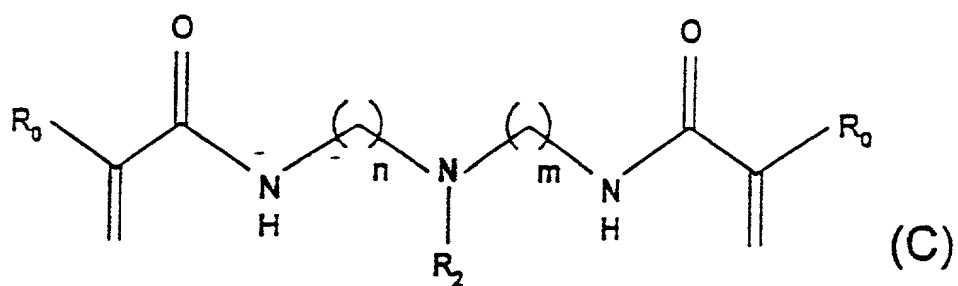
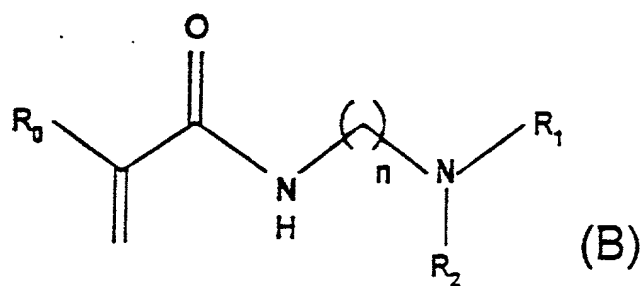
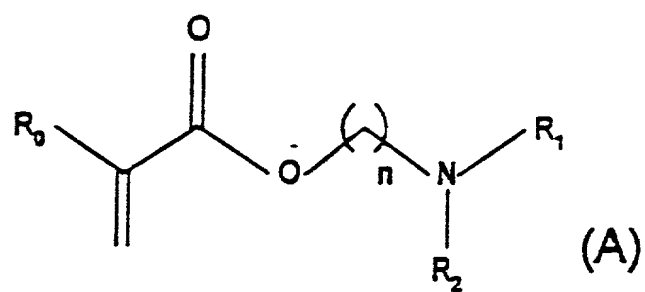


FIG. 16

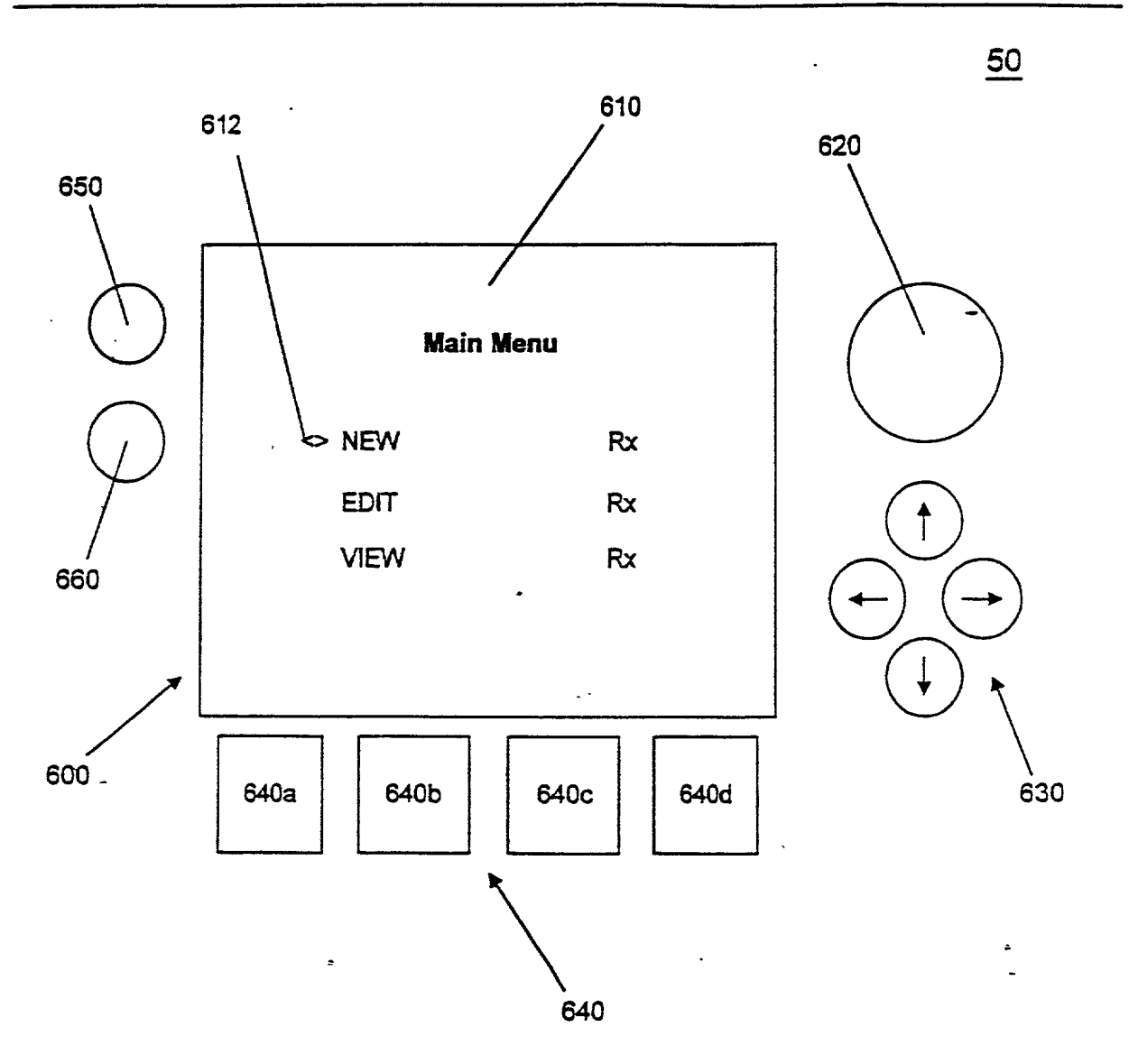


FIG. 17

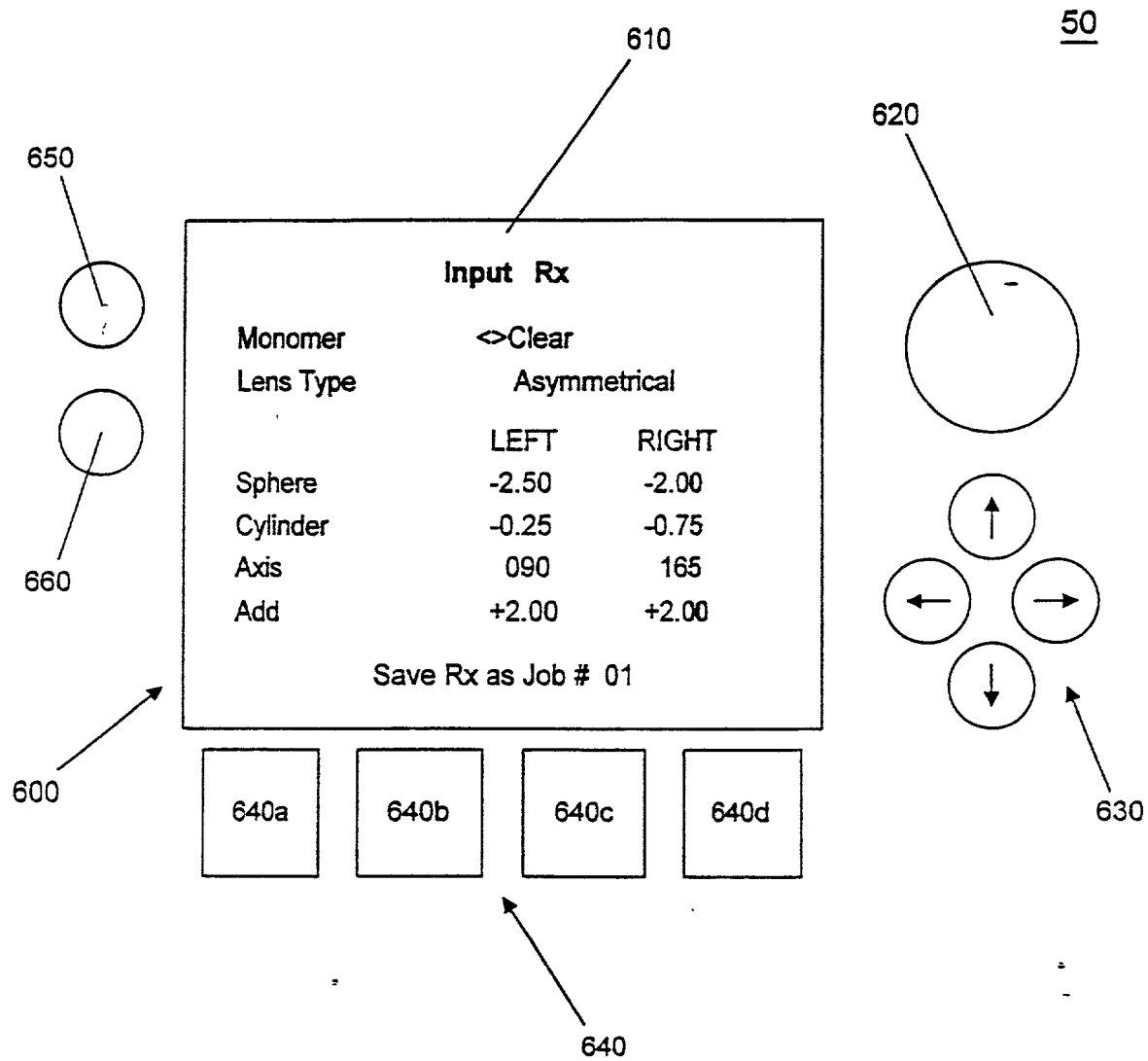


FIG. 18

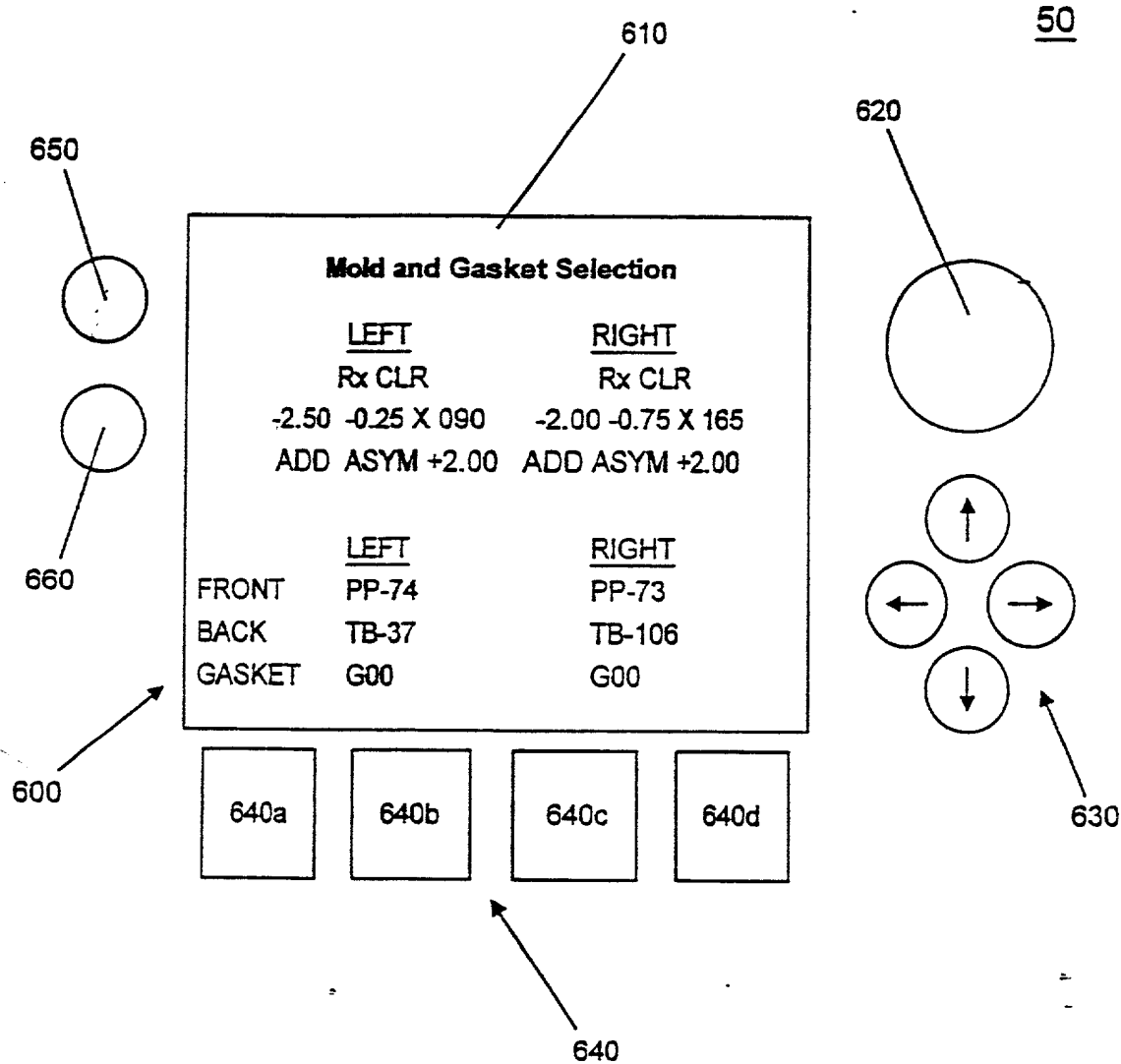
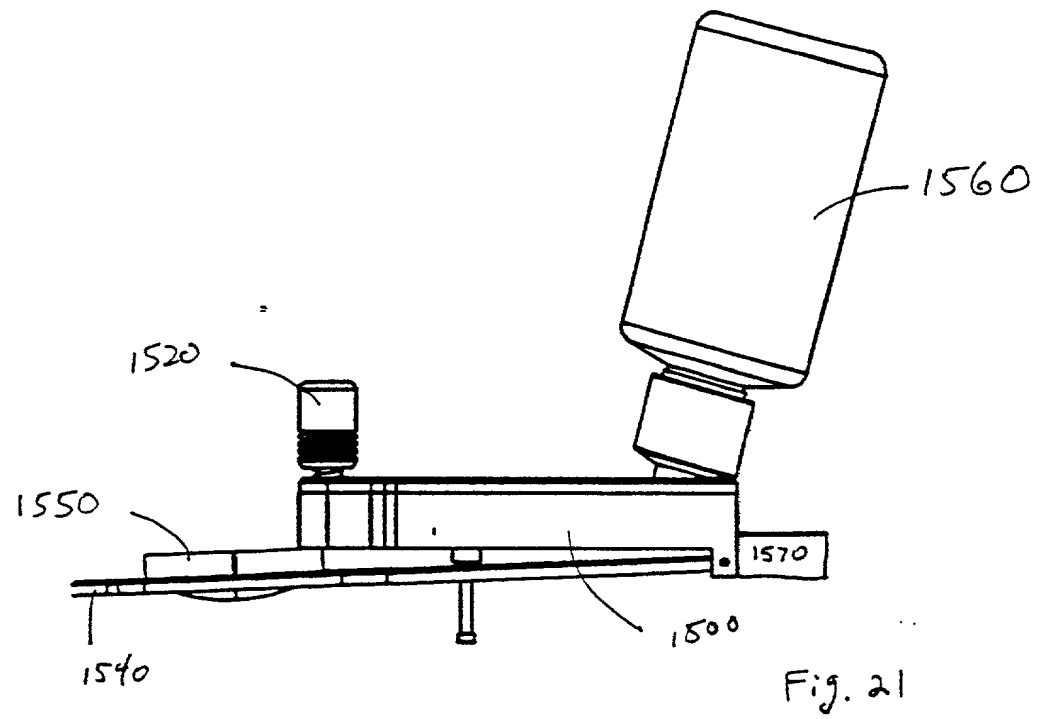
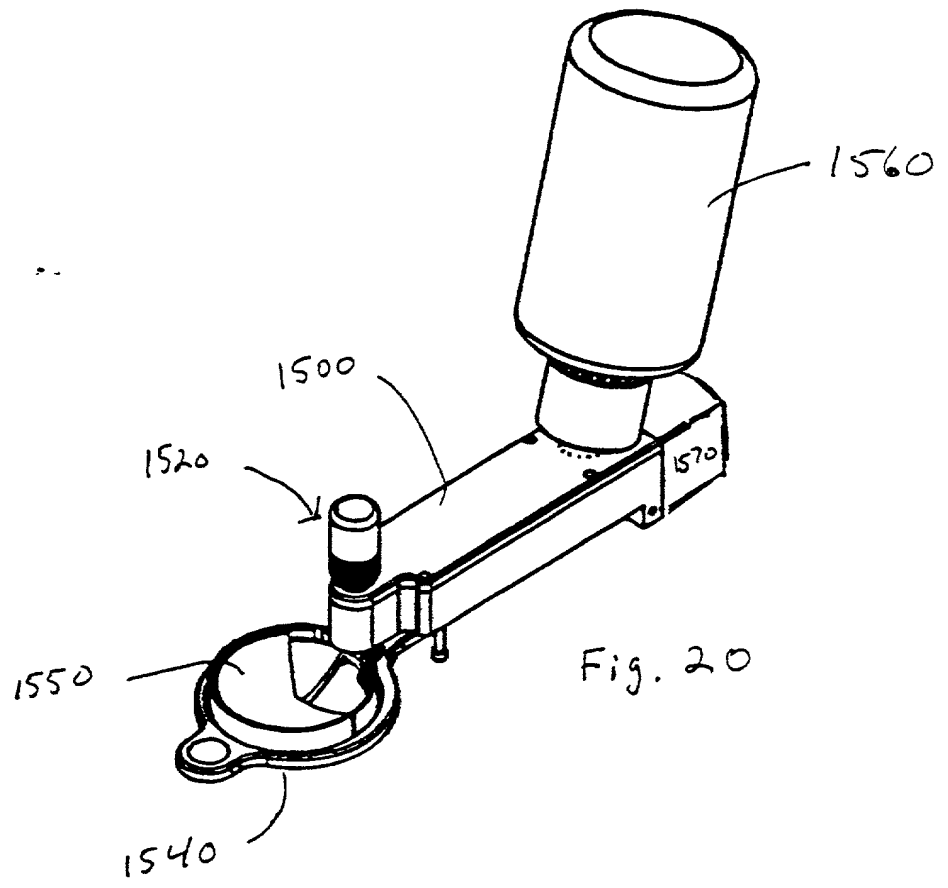
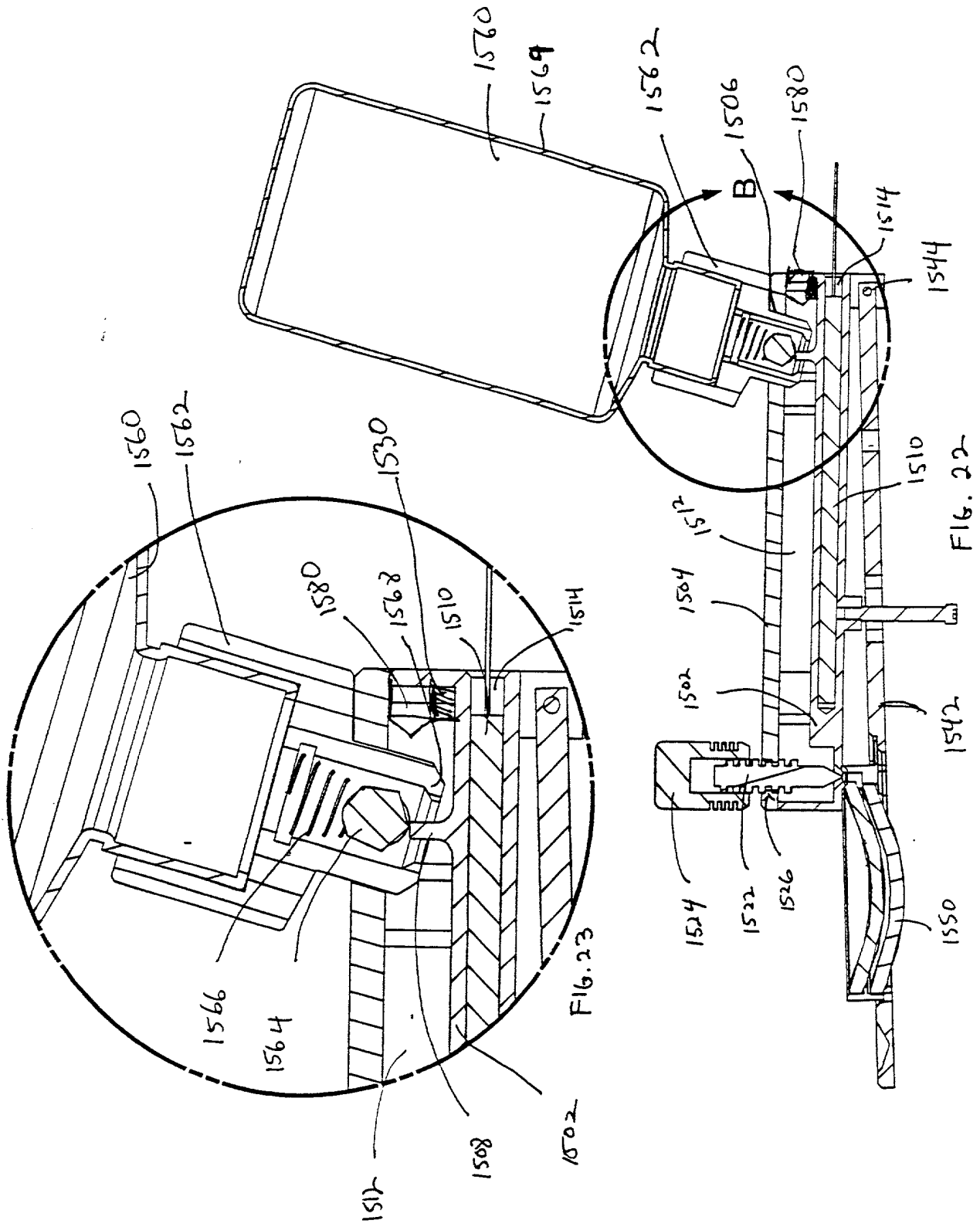


FIG. 19







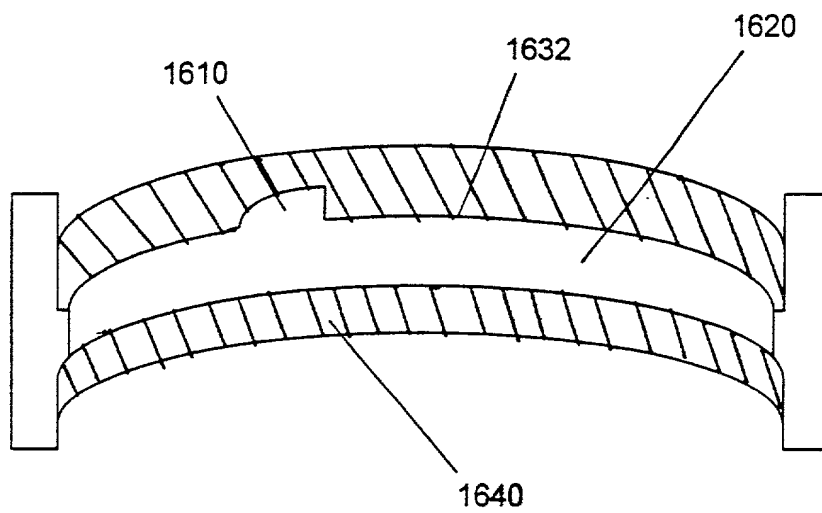


FIG. 24

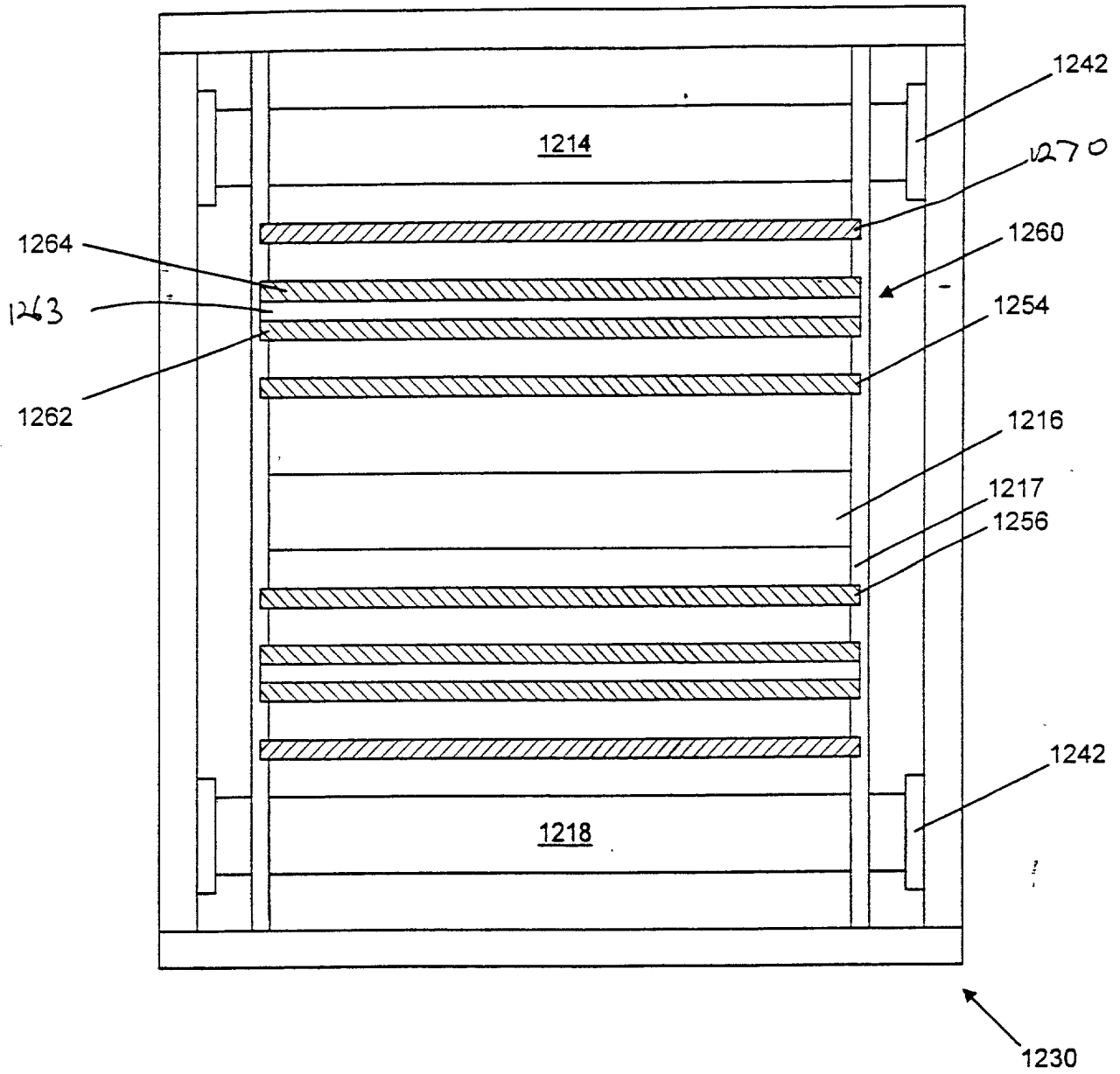


FIG. 25

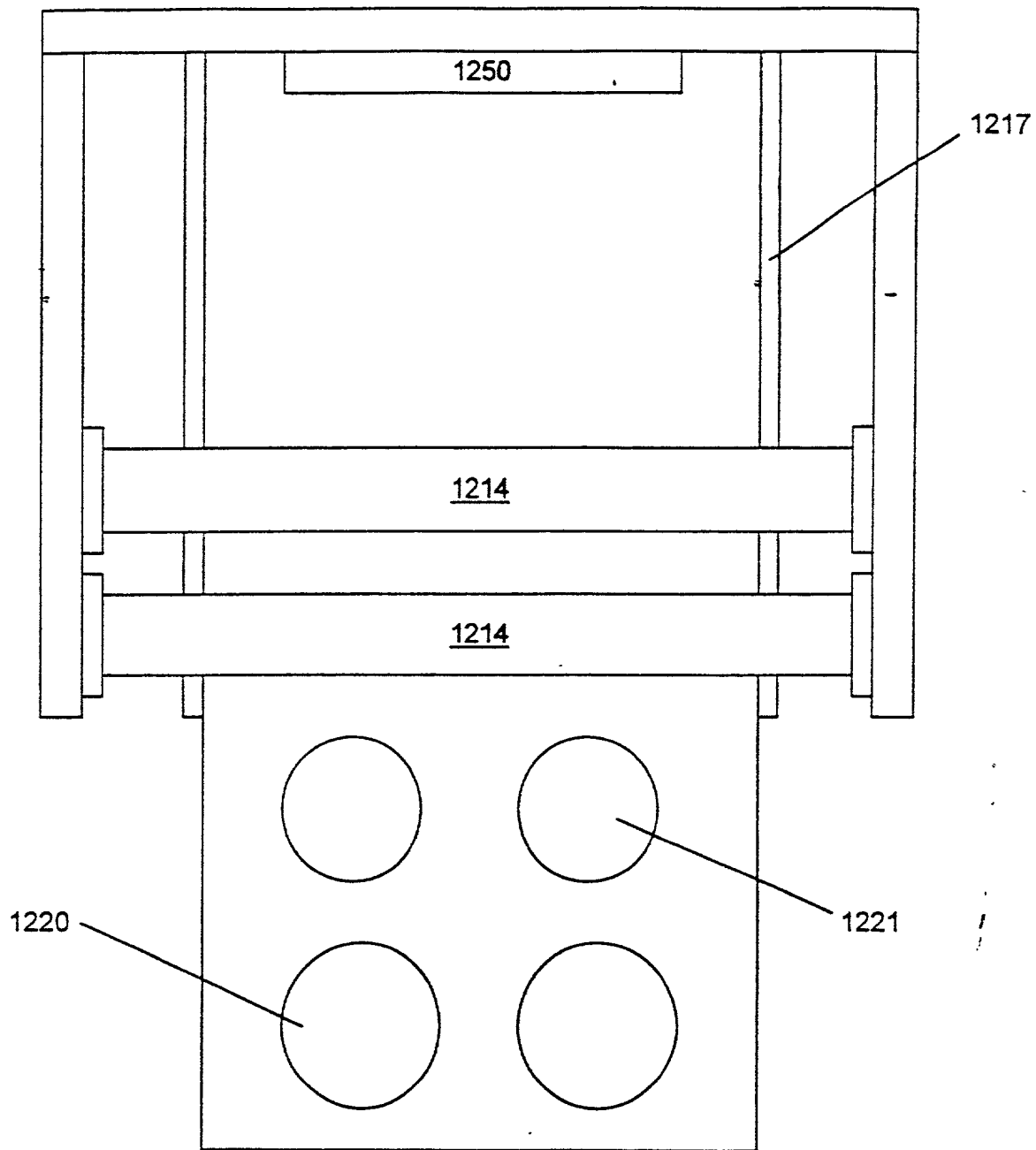


FIG. 26

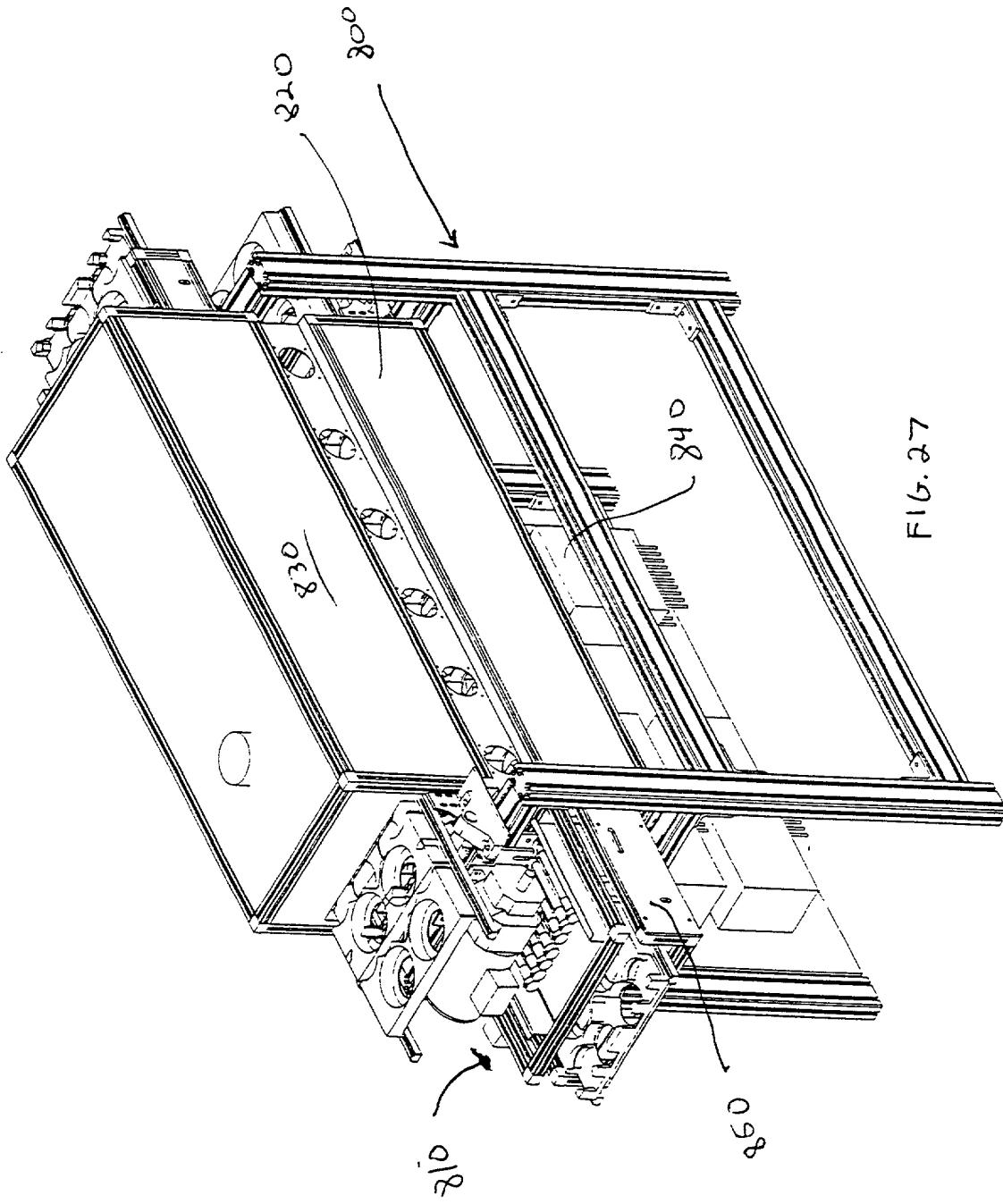


FIG. 27

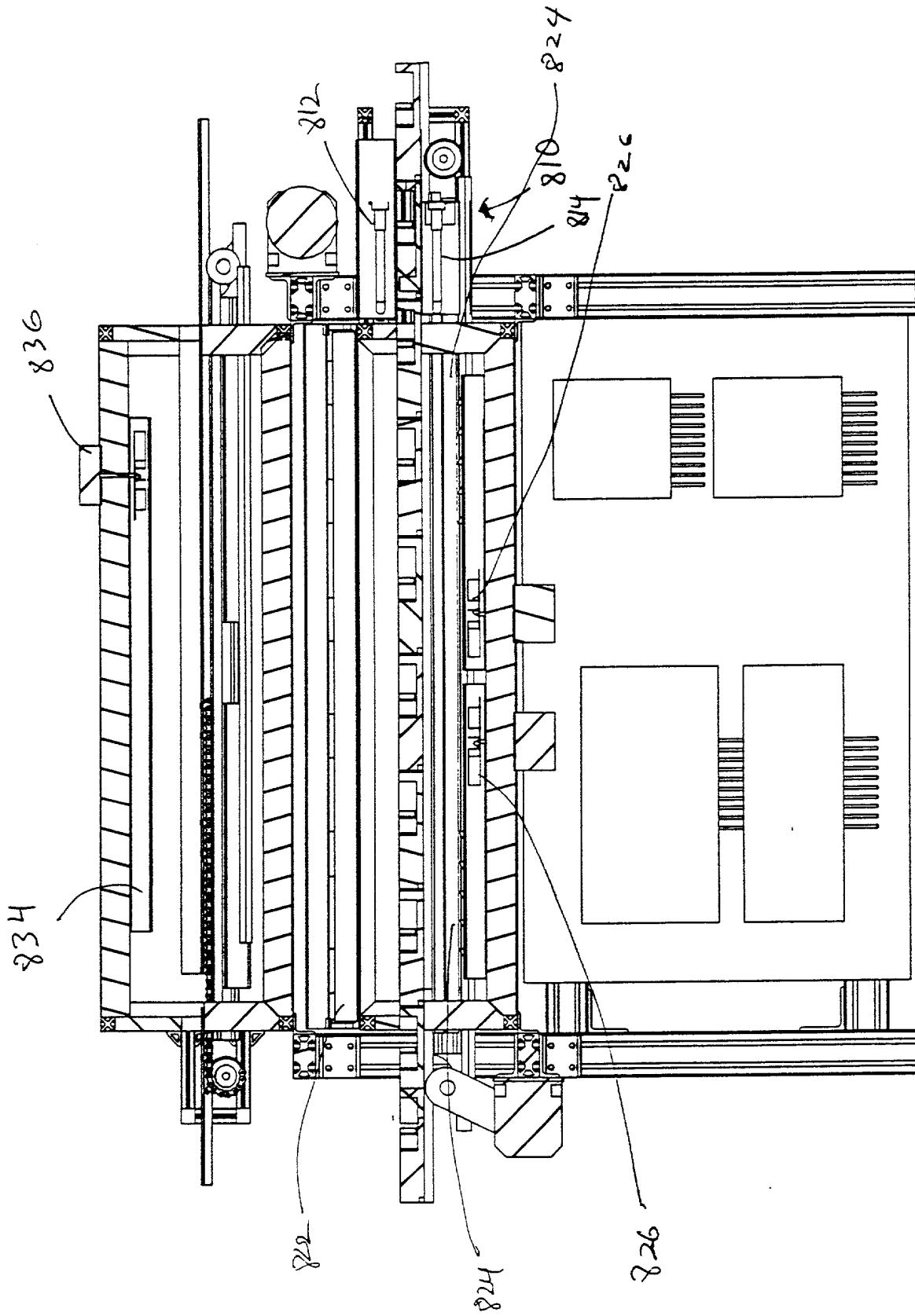
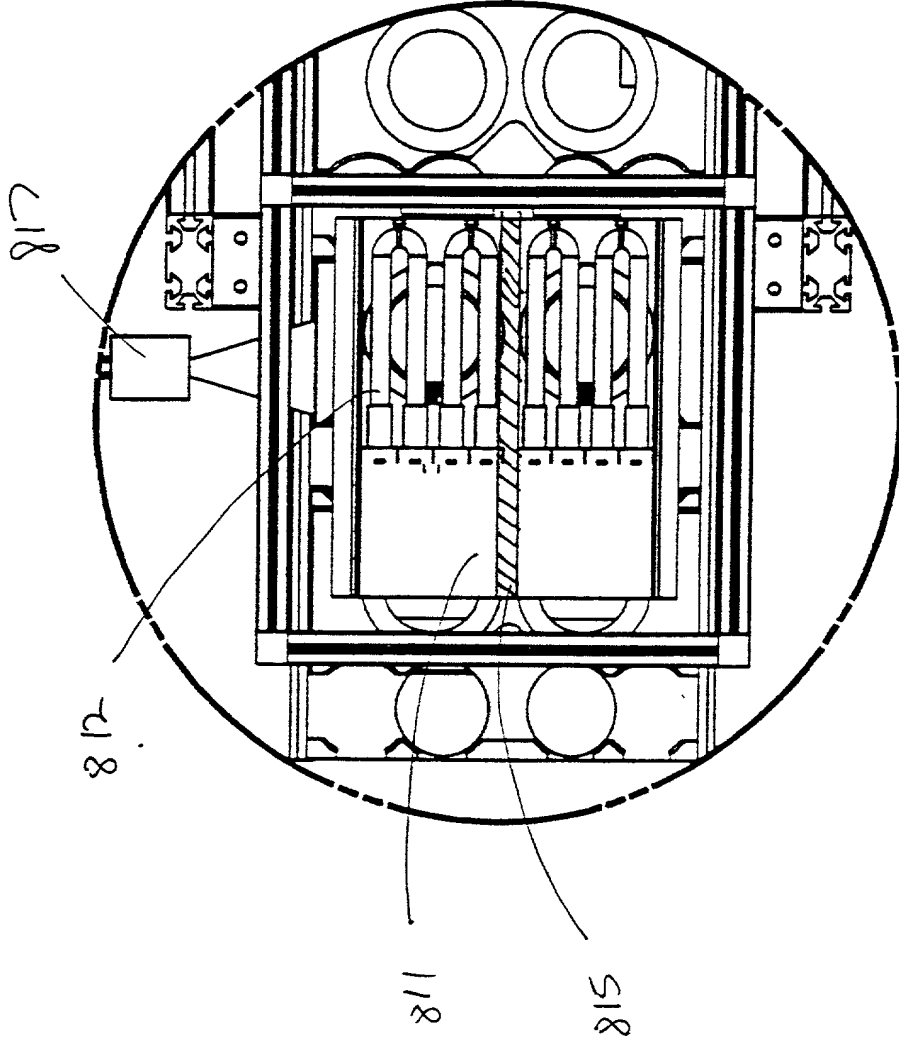


FIG 28





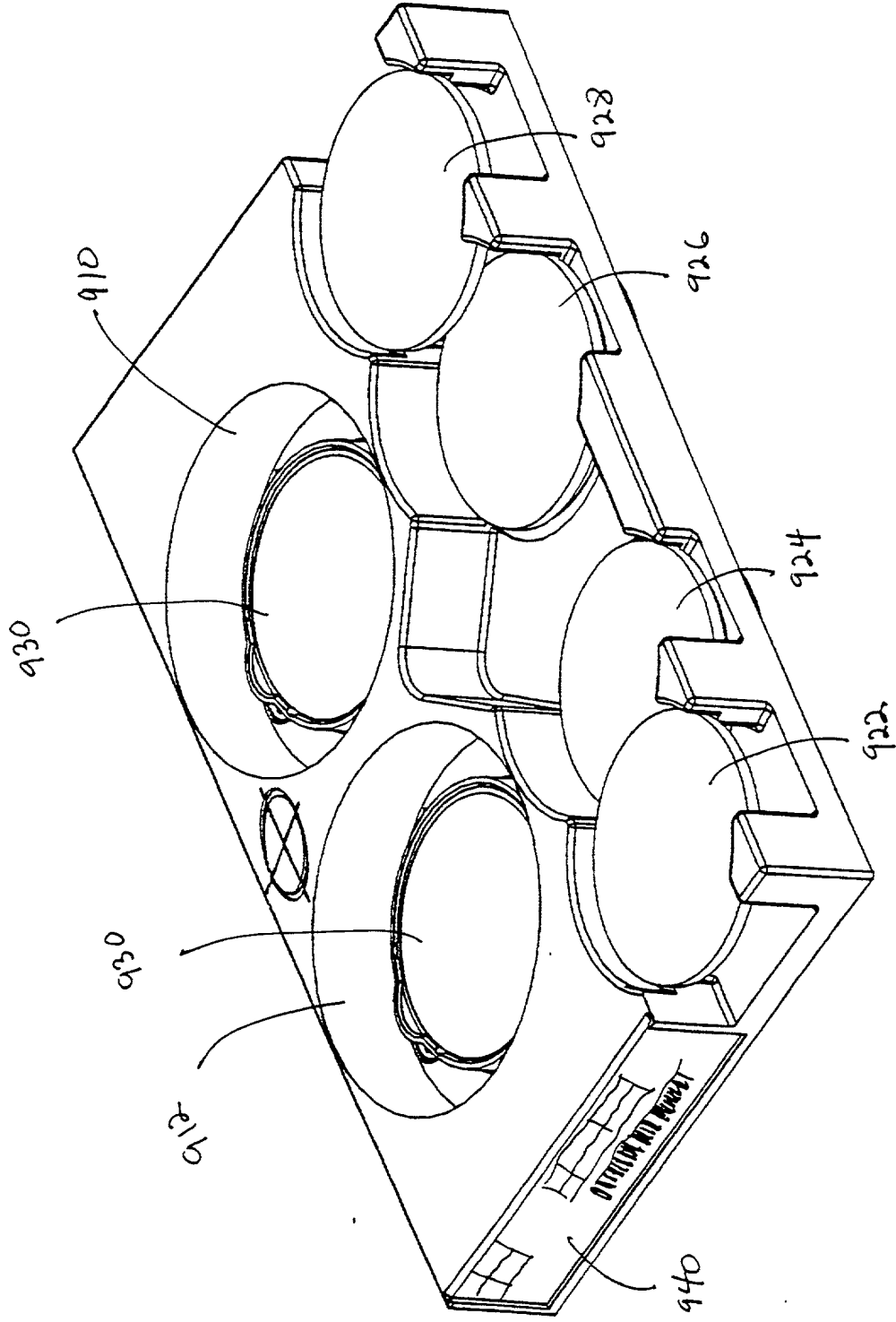


FIG. 30

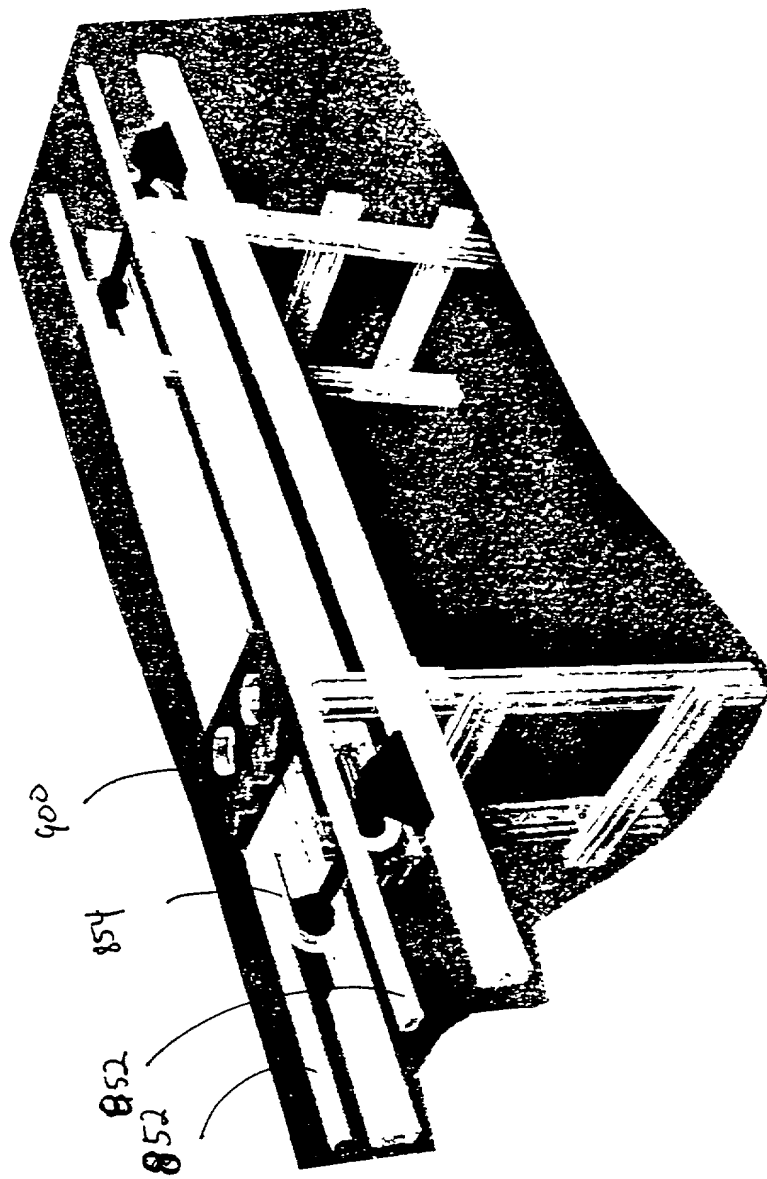
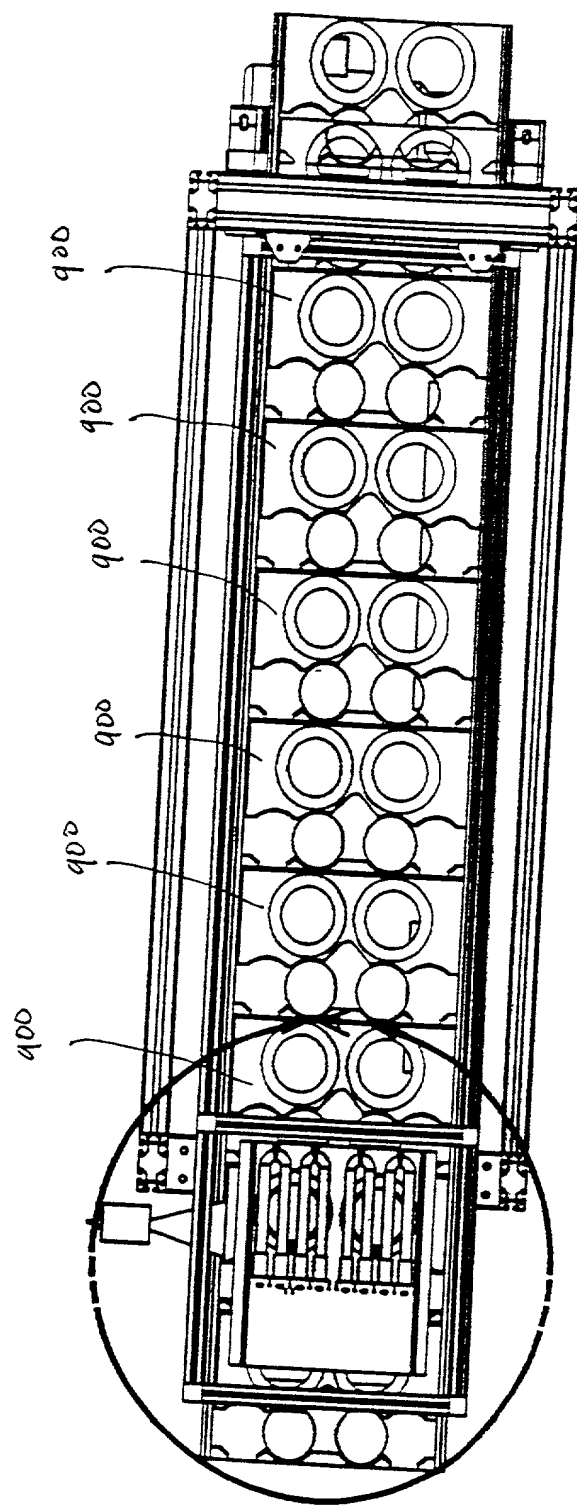


FIG. 31



Flb. 32

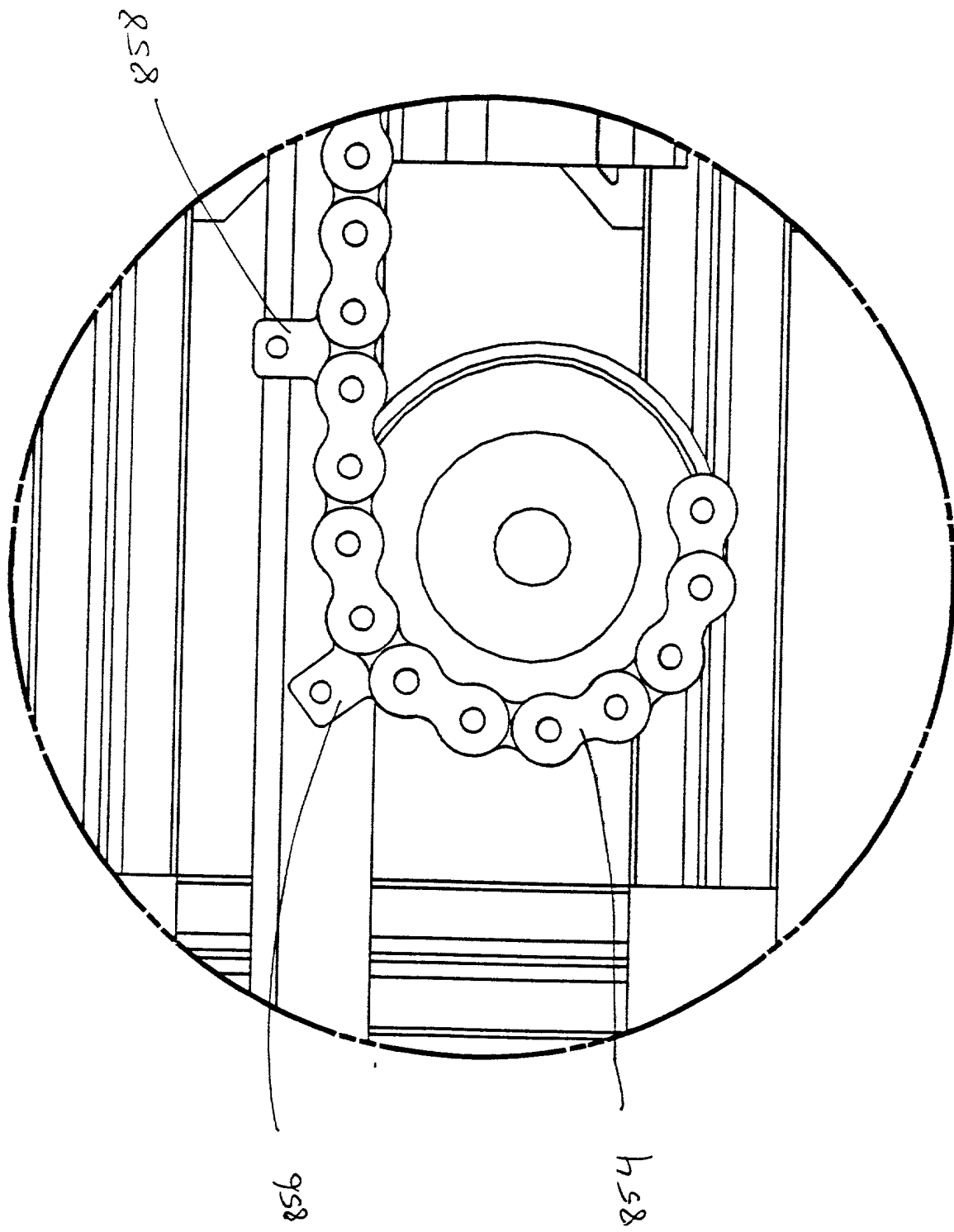


FIG. 33

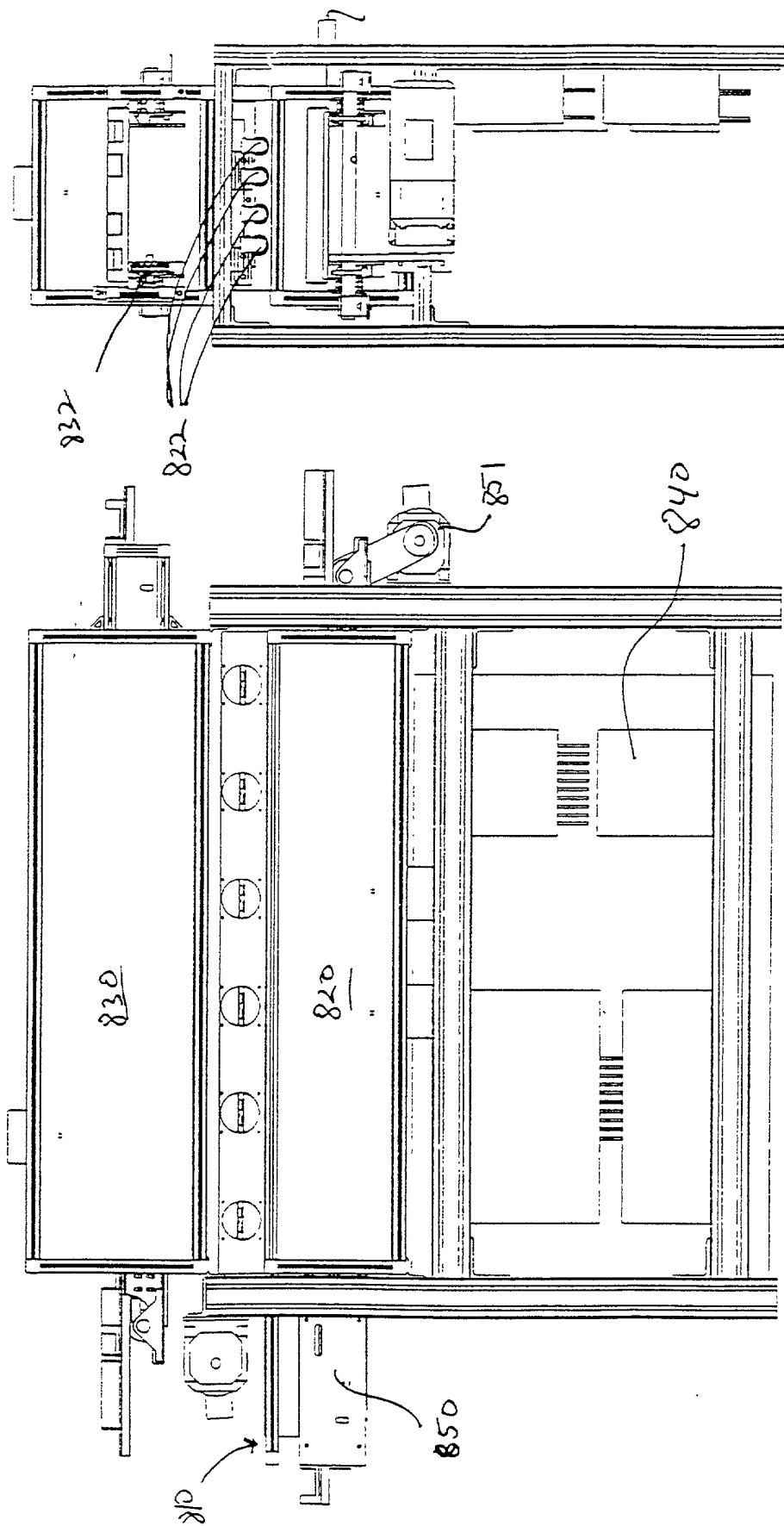


FIG. 34

FIG. 35

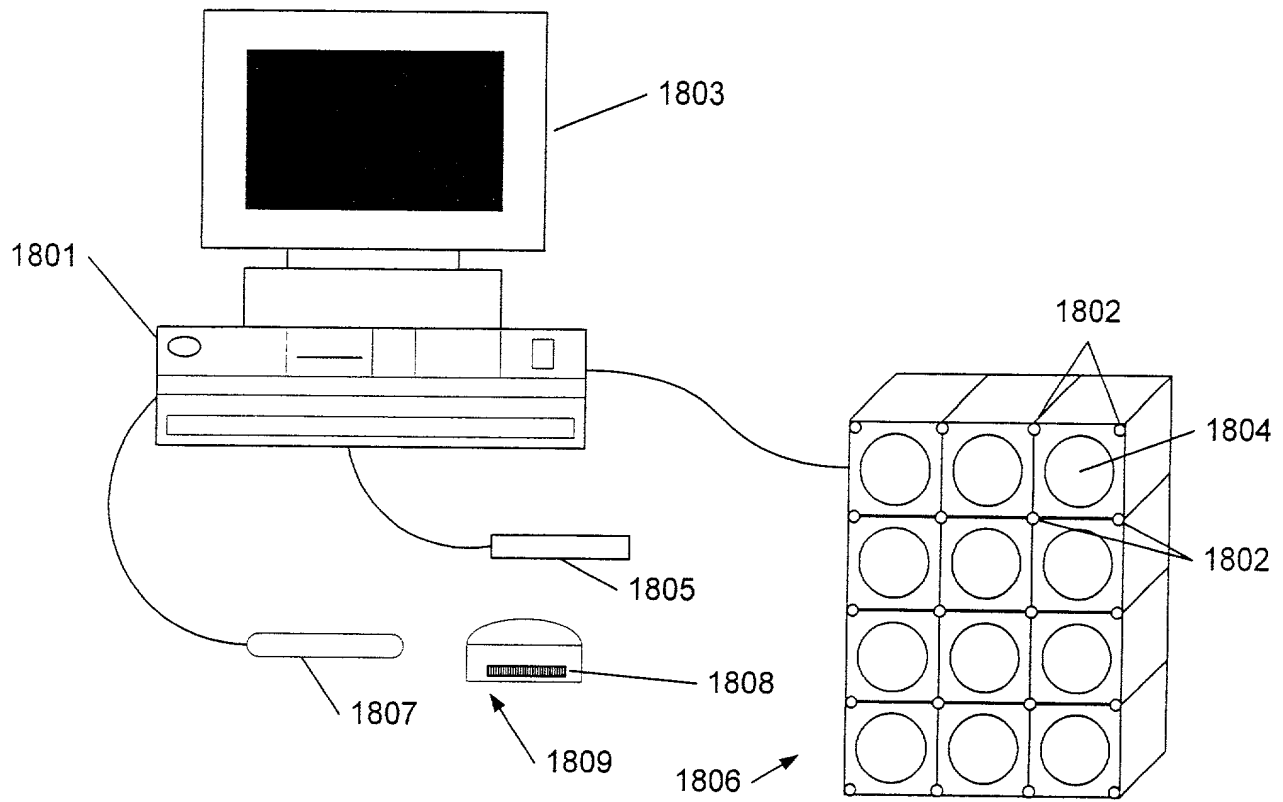
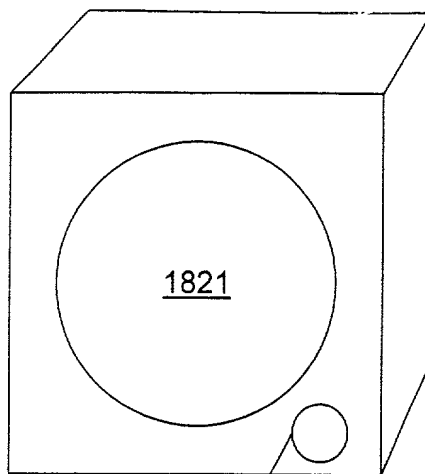
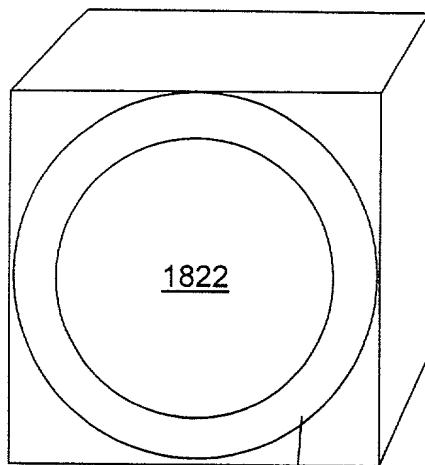


Fig.36



1820

(a)



1823

(b)

Fig. 37

09783674.063001

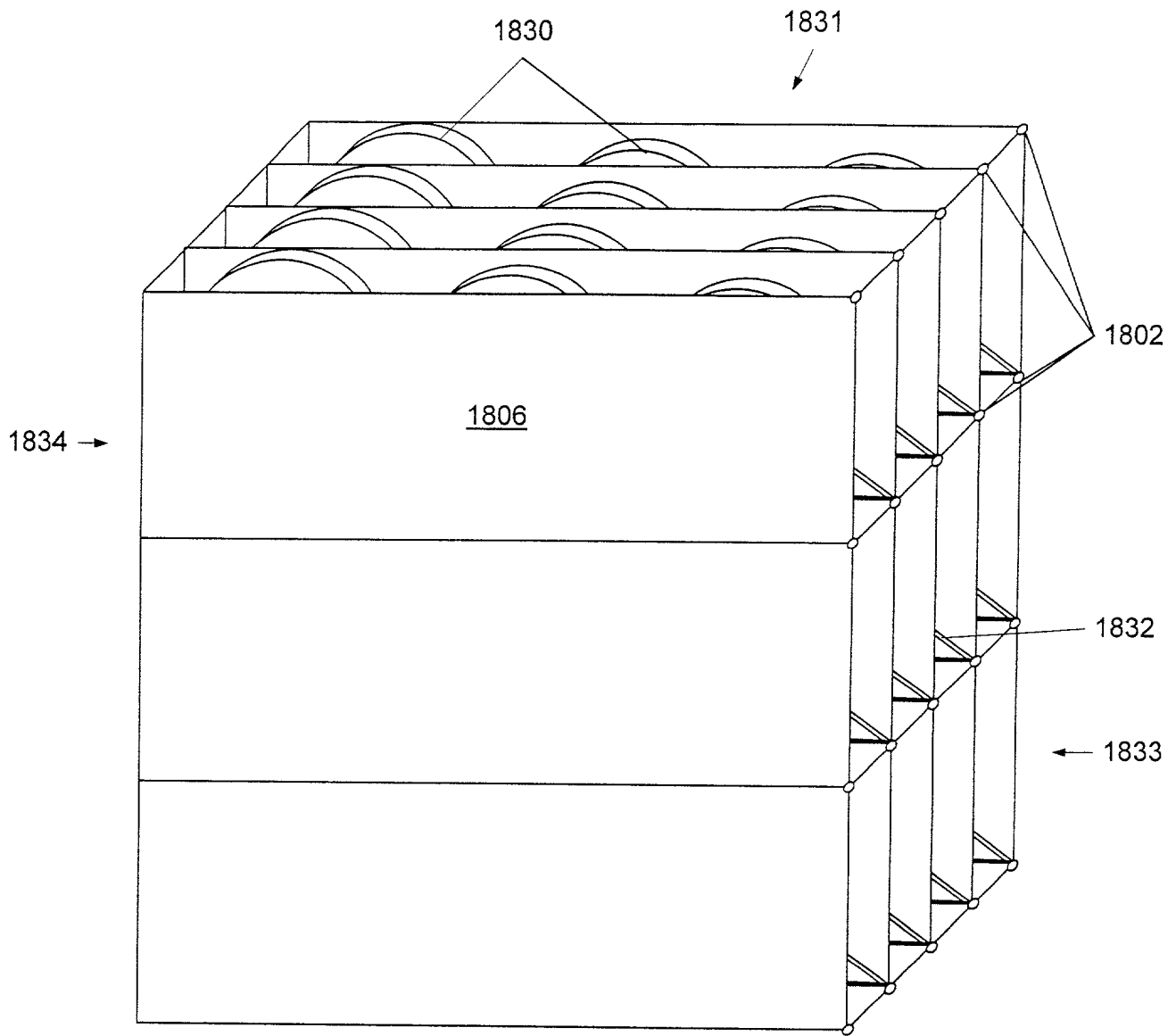


Fig. 38



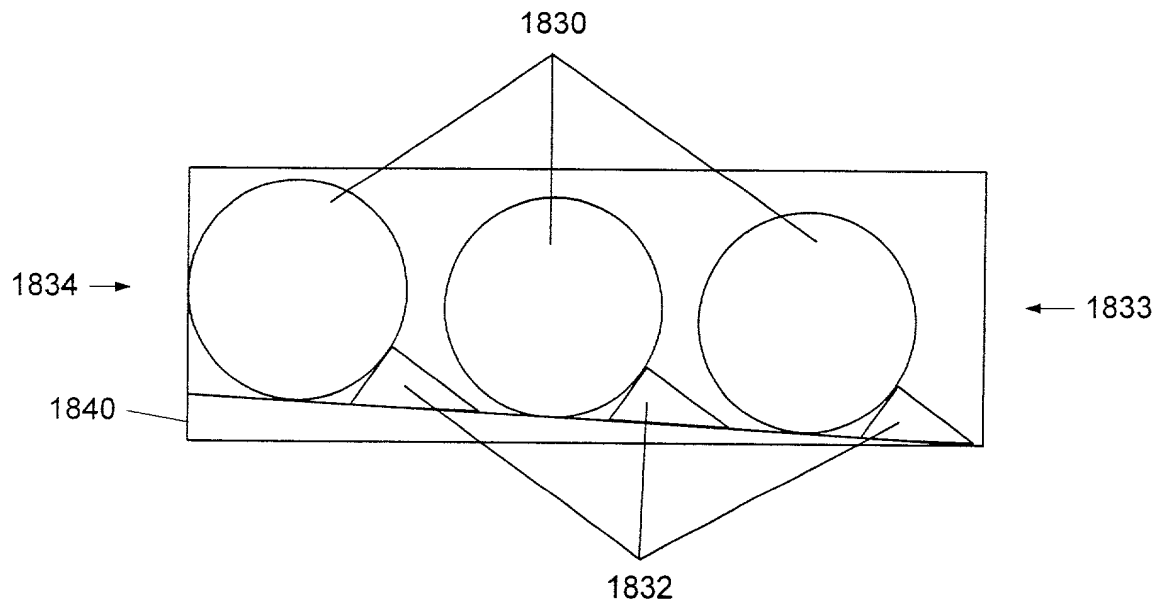


Fig. 39

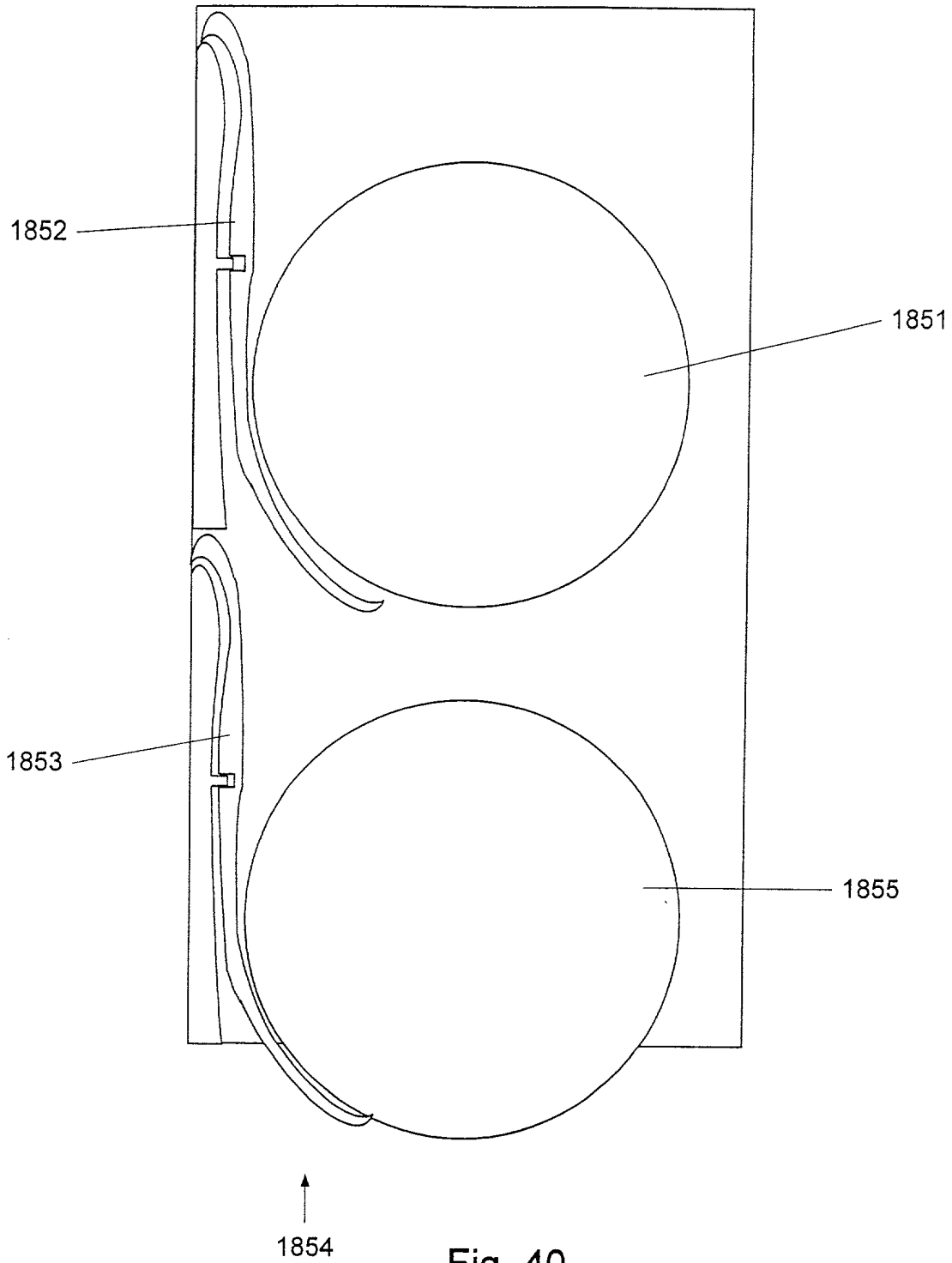


Fig. 40

Fig. 41

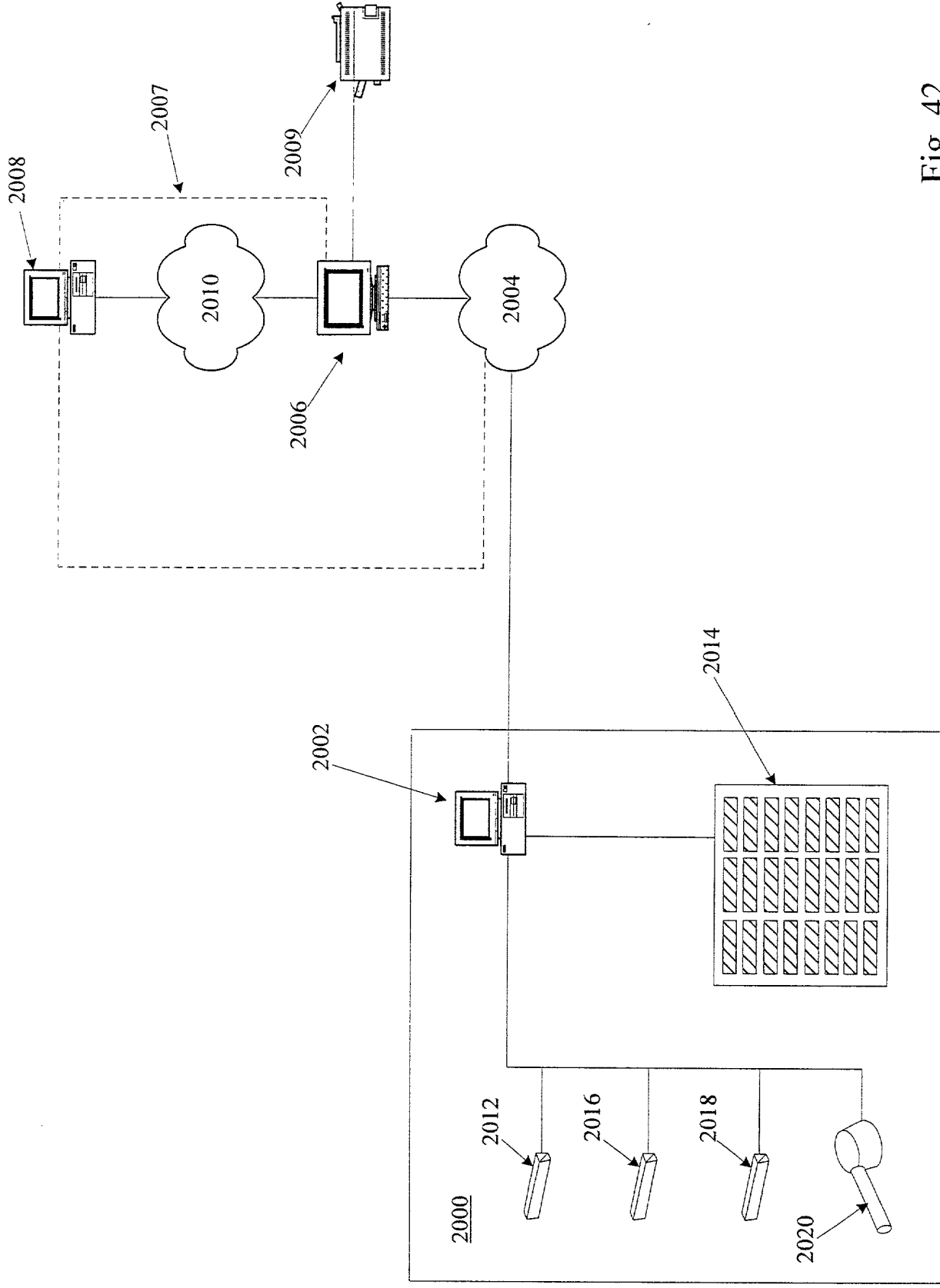


Fig. 42

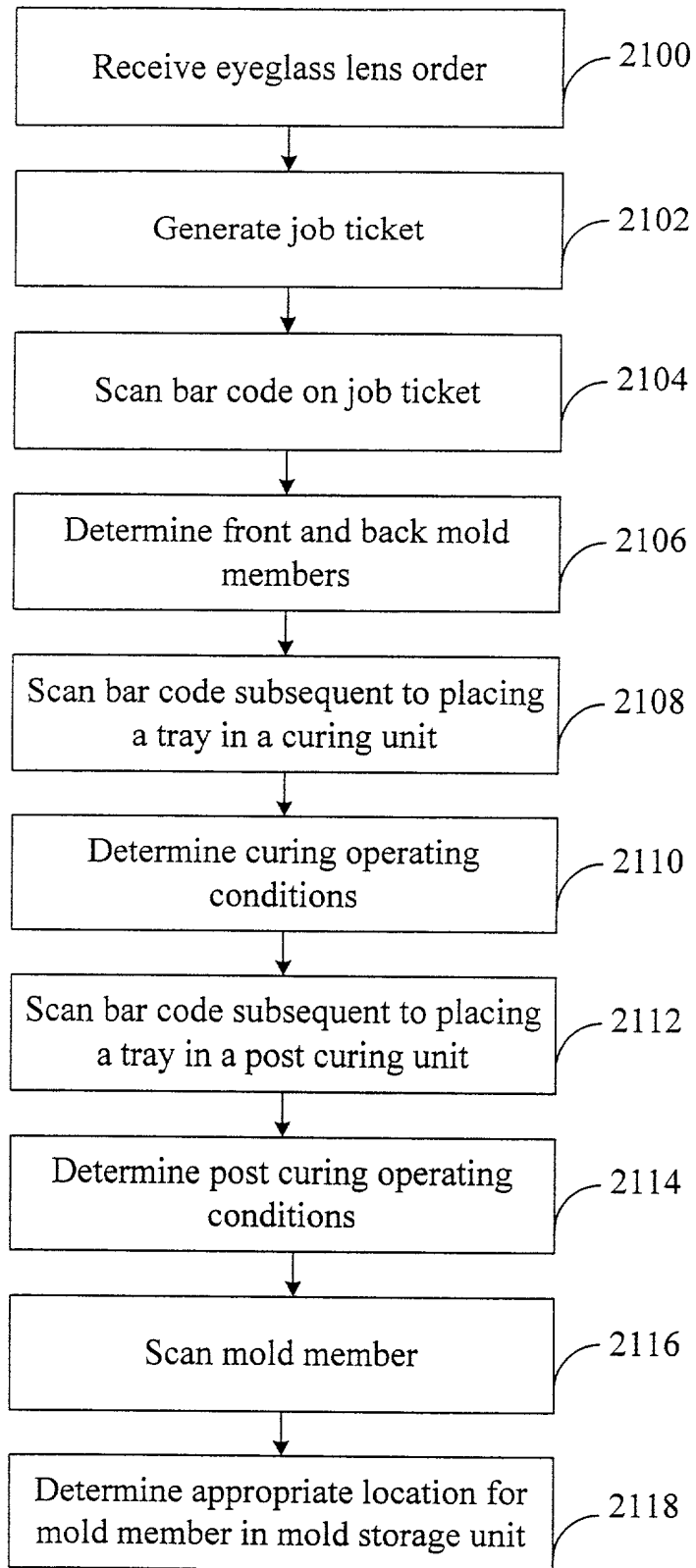


Fig. 43

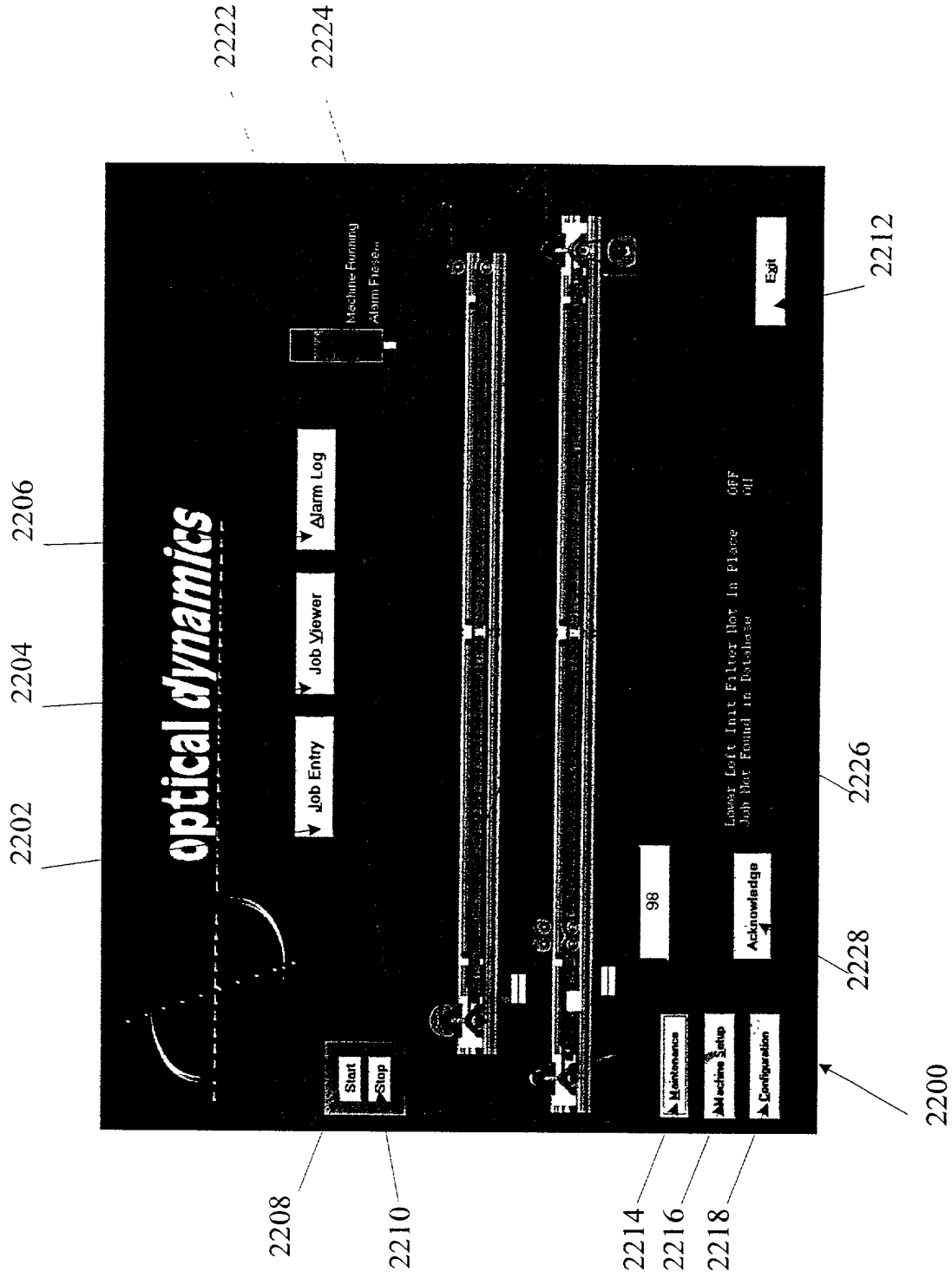


Fig. 44

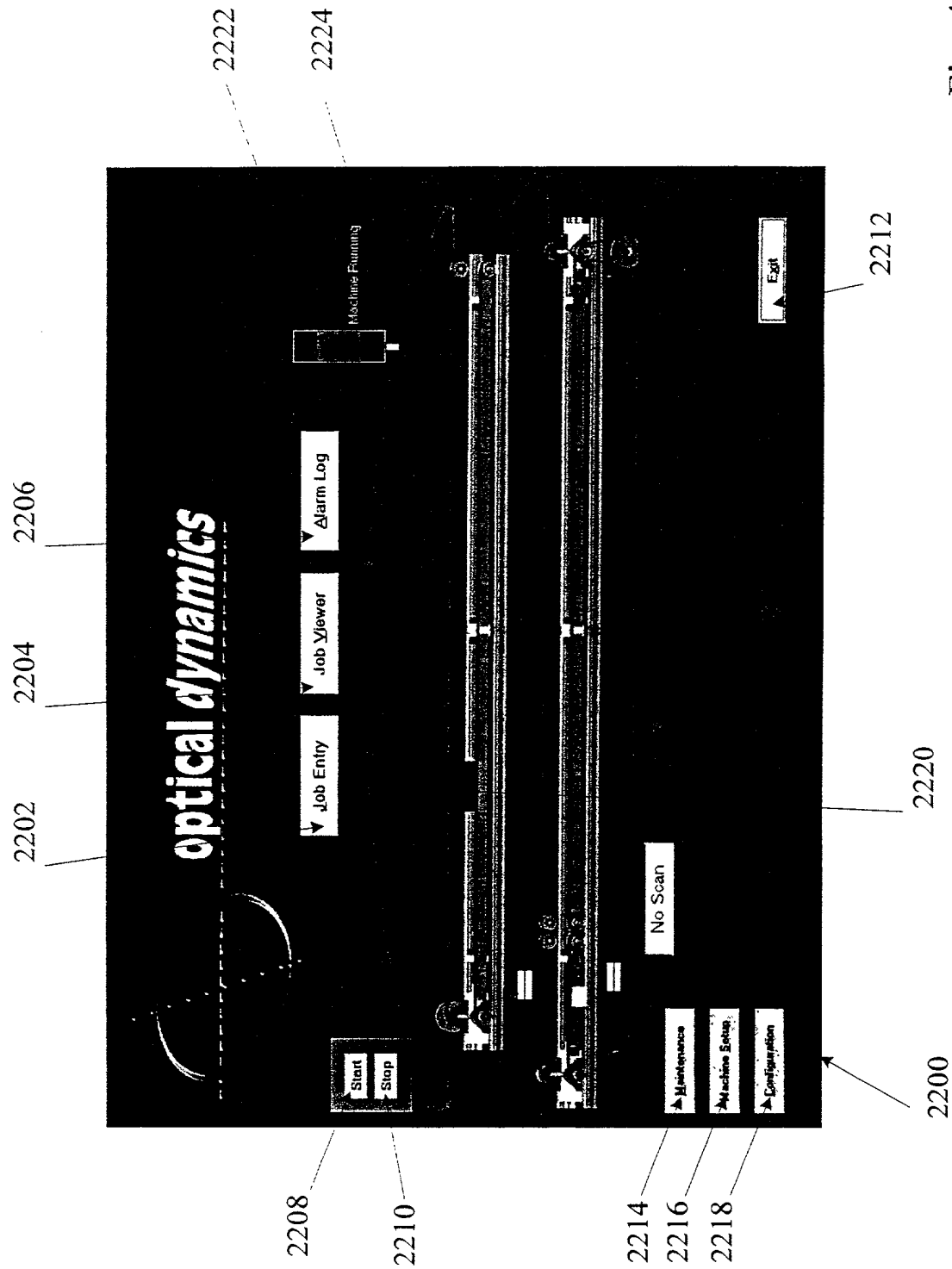


Fig. 45

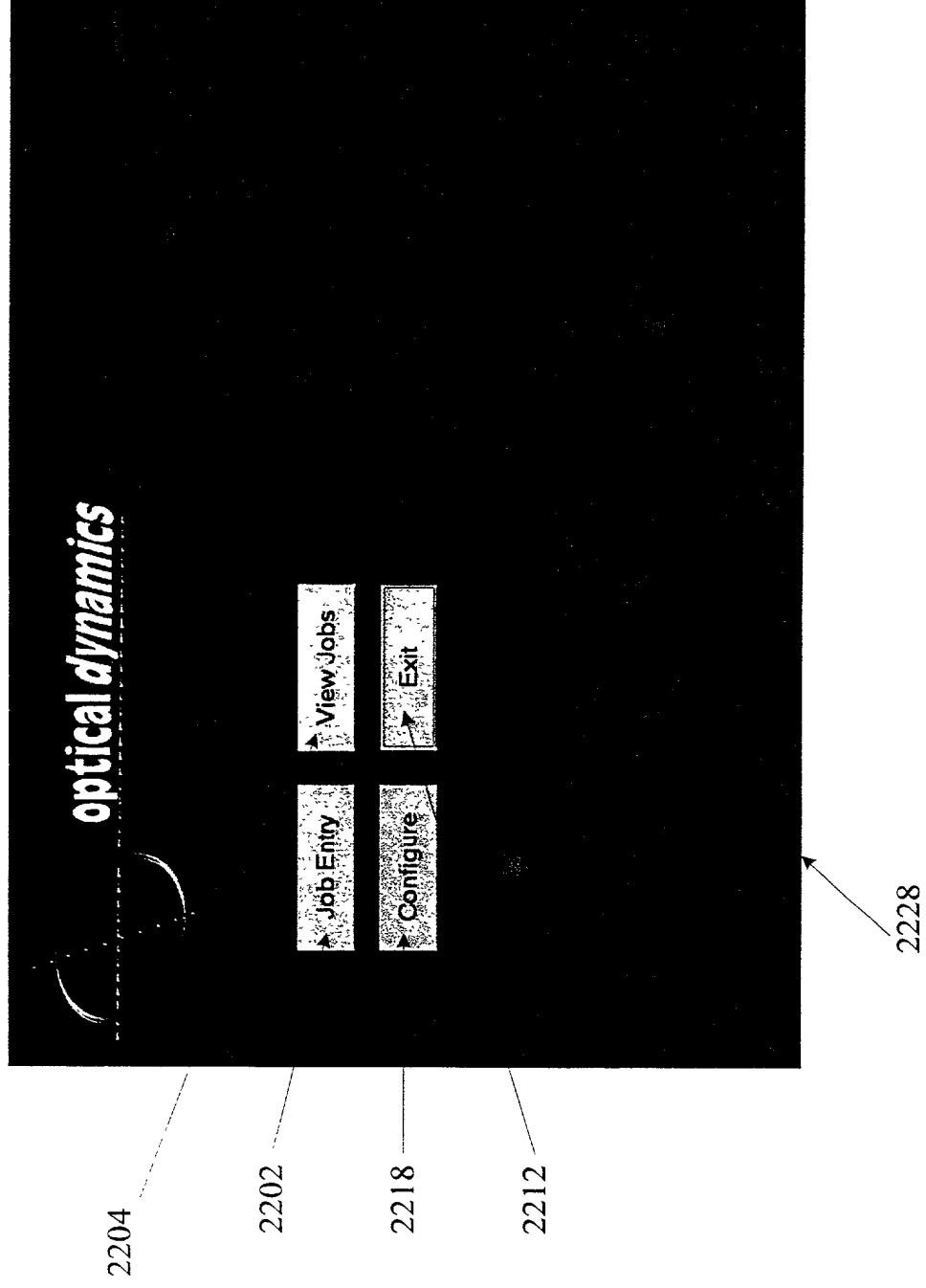


Fig. 46



2232

Job Entry

Job #

Patient Name

Tray #

Bin Location

Priority

Normal

Re-Work

Job Type

Right & Left Lens

Right Lens Only

Left Lens Only

Lens Type

Aspheric - Single Vision

Flat Top

Paradigm Progressive

Monomer/Tint

Clear

Clear w/ Tint

Grey

Right Eye

Sphere

Cylinder

Left Eye

Sphere

Cylinder

Cancel Entry

Create Job

Fig. 47

2244

2246

Job Viewer

LMS Job #

Patient

Entry Date

Lens Type

Monomer

LMS Tray #

02/08/01 05:33 PM

Single Vision

Clear

Bin Location

Rx

Left

Right

Power

-6.00

Cylinder

-2.00

Axis

Add

Transposed

Molds

Left

Right

Front

No

Back

Rx

Gasket

Mold

Filter

Recipe

Re-Print

Close

2242

2248

2280

Fig. 48

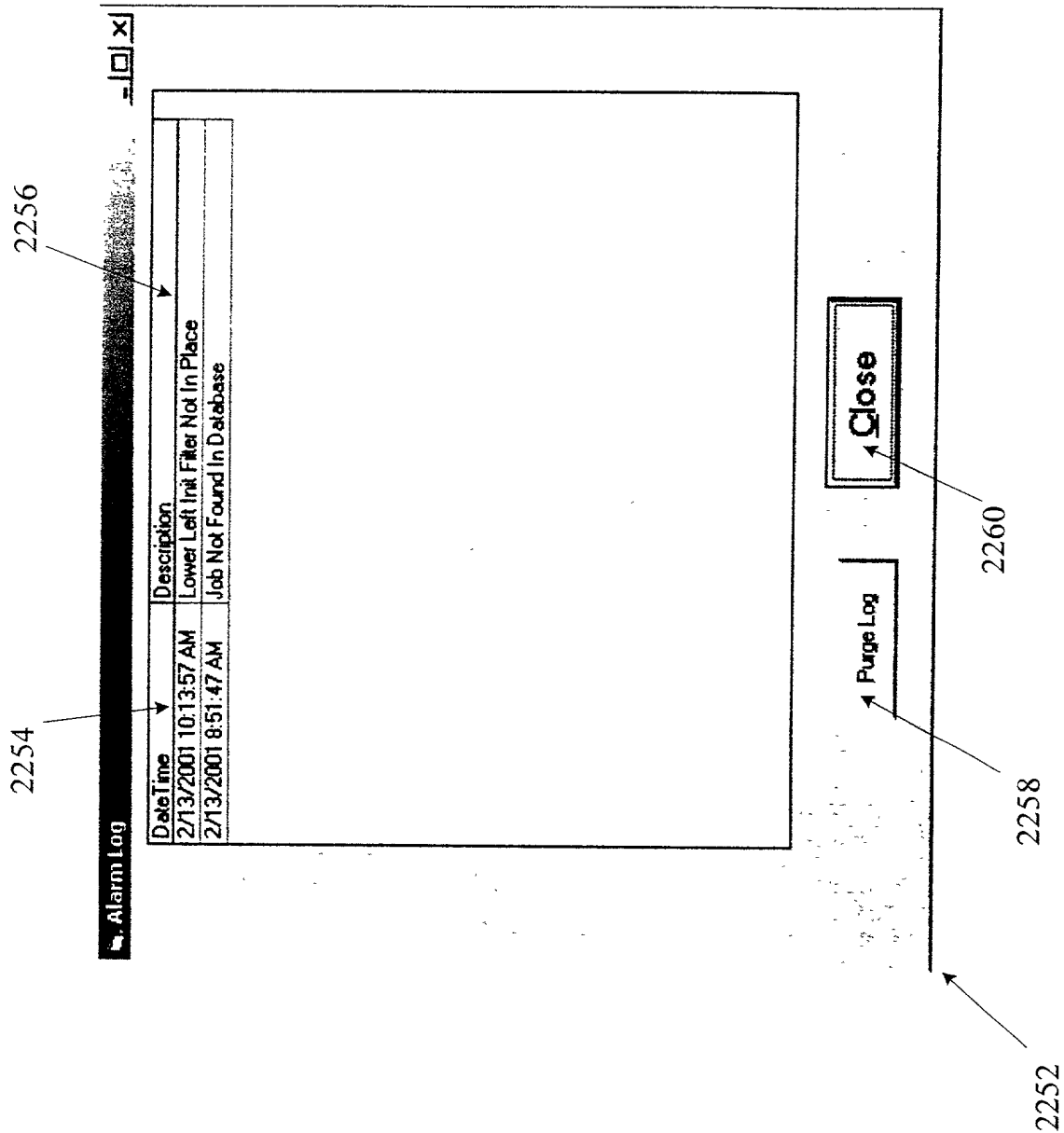


Fig. 49

Maintenance

## Temperatures

Post-Cure Chamber 195.3

Anneal Chamber 217.4

On Time (min) 289.93

26.69

Reset

On Time (min) 254.73

23.45

Reset

## Current Draws

Upper Left Init Lights 0.00

Upper Right Init Lights 0.00

Lower Left Init Lights 0.00

Lower Right Init Lights 0.00

Rear Post-Cure Lights 4.60

Front Post-Cure Lights 3.62

### Digital Inputs, Slot 3

- Start PushButton ☐
- Stop PushButton ☐
- Anneal Conv Encoder ☐
- Top Lft Filtr In Prox ☐
- Top Rgt Filtr In Prox ☐
- Bot Lft Filtr In Prox ☐
- Bot Rgt Filtr In Prox ☐
- Top Lft Filtr Out Prox ☒
- Top Rgt Filtr Out Prox ☒
- Bot Lft Filtr Out Prox ☒
- Bot Rgt Filtr Out Prox ☒
- Air Pressure OK ☒
- Bot HiTemp Sens OK ☒
- Top HiTemp Sens OK ☒
- Init Conv Encoder ☐
- Post-Cure Conv Enchr ☐

### Digital Inputs, Slot 4

- Front Post-Cure Lgt Flt ☐
- Rear Post-Cure Lgt Flt ☐
- Init Drv IOC Flt ☐
- Post-Cure Drv IOC Flt ☐
- Anneal Drv IOC Flt ☐
- Tray Clear @ Xfer PE ☐
- PstCure FanOvrid OK ☒
- Anneal FanOvrid OK ☒
- Init Drv Ovrid OK ☒
- Anneal Drv Ovrid OK ☒
- PstCure DrvOvrid OK ☒
- Post-Cure Drive Alarm ☐
- Init Drive Alarm ☐
- Anneal Drive Alarm ☐
- Bot Tray Present PE ☐
- Top Tray Present PE ☐

### Digital Inputs, Slot 5

- E-Stop #1 ☐
- E-Stop #2 ☐
- Spare ☐
- Spare ☐
- Spare ☐
- Spare ☐
- Spare ☐
- Lft Wait Cyl Ext'd ☒
- Lft Wait Cyl Ret'd ☒
- Rgt Wait Cyl Ext'd ☒
- Rgt Wait Cyl Ret'd ☒
- Lft Init Cyl Ext'd ☒
- Lft Init Cyl Ret'd ☒
- Rgt Init Cyl Ext'd ☒
- Rgt Init Cyl Ret'd ☒

Lamp Life  
Remaining

TopInit

499.77

BotInit

499.90

PostCure

493.70

More...

Close

Variable	Mean	Std. Dev.	Minimum	Maximum
Age	34.50	10.50	18	65
Gender	1.50	.50	1	2
Marital Status	1.50	.50	1	2
Education	13.50	2.50	9	18
Income	1.50	.50	1	2
Occupation	1.50	.50	1	2
Religion	1.50	.50	1	2
Political Party	1.50	.50	1	2
Health	1.50	.50	1	2
Smoking	1.50	.50	1	2
Drinking	1.50	.50	1	2
Exercise	1.50	.50	1	2
Stress	1.50	.50	1	2
Depression	1.50	.50	1	2
Loneliness	1.50	.50	1	2
Life Satisfaction	1.50	.50	1	2
Overall Health	1.50	.50	1	2

Fig. 50

Machine Setup

**Anneal Conveyor**

High Temp Alarm Limit

Temperature Setpoint

Low Temp Alarm Limit

**Post-Cure Conveyor**

High Temp Alarm Limit

Temperature Setpoint

Low Temp Alarm Limit

**Initialization Lights**

High Current Alarm Limit

Low Current Alarm Limit

No Scan Upper Init Time

No Scan Lower Init Time

No Scan Filter Select ☐

**Post-Cure Lights**

High Current Alarm Limit

Low Current Alarm Limit

**Lamp Maintenance**

Replaced Top Init Lamps ☐

Replaced Bot Init Lamps ☐

Replaced Post-Cure Lamps ☐

**Save Changes** **Cancel Changes**

2274

2272

2278

2280

2276

Fig. 51

2284 2286 2288 2290 2292 2294 2282

Recipe DB C:\OptDyn\MGR112700.mdb Browse...

Job DB C:\OptDyn\JobTickets.mdb Browse...

Ticket Dir C:\OptDyn\ Browse...

Ticket Poll Rate (sec) 2

Ticket Print Scale (%) 100

Archive Jobs Every 14 Days Keeping 3 Days

Cancel OK

Fig. 52

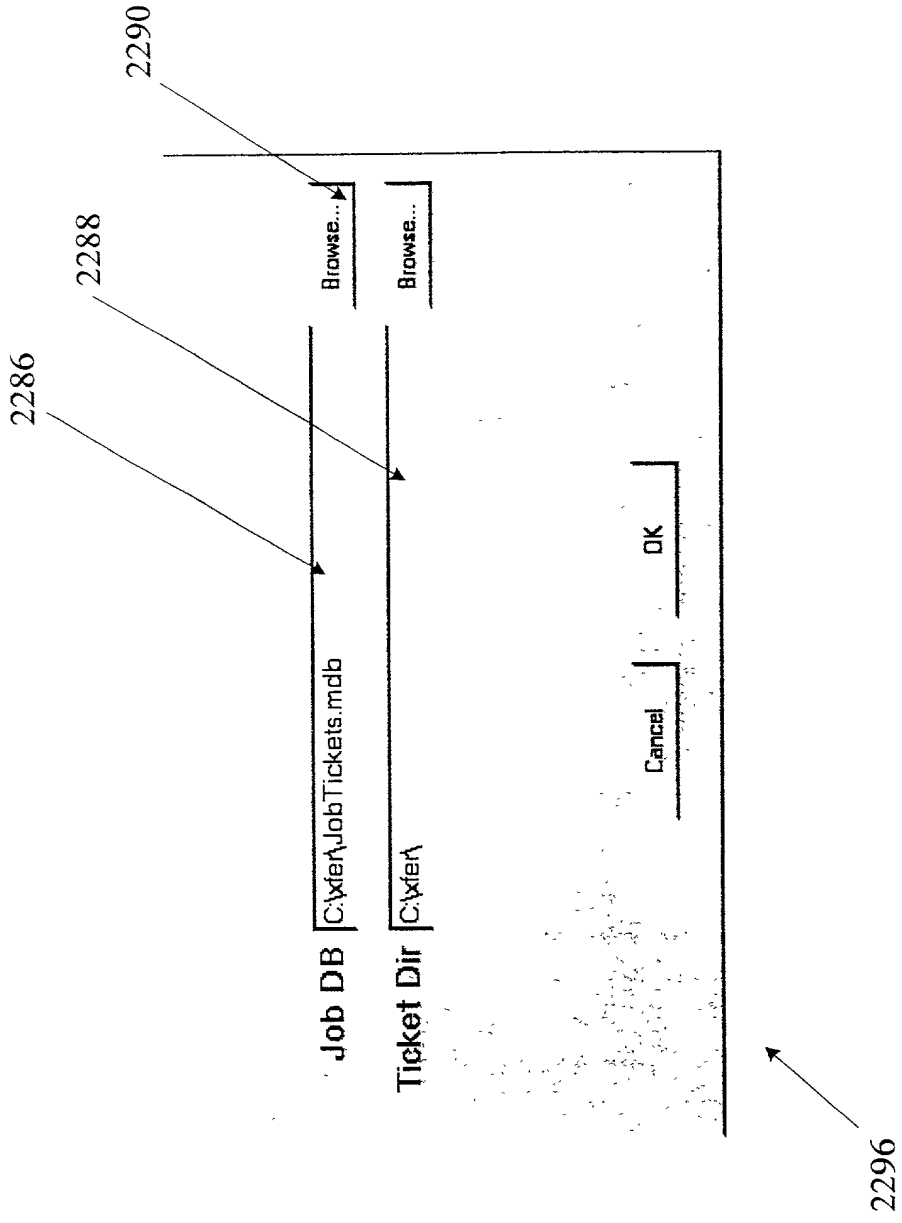


Fig. 53